

**Onan**

# *Genset* *Parts Catalog*

**KV  
KVC  
KVD**



Printed in U.S.A.

**1/05 981-0238G**  
(KV Spec A-L) (KVC Spec A-C)  
(KVD Spec A-B)  
Replaces 5-02 (KV Spec A-K  
KVC Spec A-C and KVD)

## MODEL IDENTIFICATION

To avoid errors or delay in filling your parts order, always give the MODEL, SPEC NO. and SERIAL NO. from the Onan nameplate.

For handy reference, insert your nameplate information in the spaces below.

\_\_\_\_\_  
MODEL AND SPEC NO.

\_\_\_\_\_  
SERIAL NO.

\_\_\_\_\_  
DIGITAL CONTROL SOFTWARE VERSION  
AND DATE (IF APPLICABLE)

## SAFETY PRECAUTIONS

The following symbols are used in Onan manuals to alert users to the potentially dangerous conditions relating to maintenance of equipment and replacement of parts. Please read and observe.



*This symbol warns of immediate hazards which will result in severe personal injury or death.*



*This symbol refers to a hazard or unsafe practice which can result in severe personal injury or death.*



*This symbol refers to a hazard or unsafe practice which can result in severe personal injury or product or property damage.*

## PRODUCT SAFETY PRECAUTIONS



***Service and repair of Onan equipment must be performed by trained, experienced personnel only. Improper service or repair may result in property damage, severe personal injury or death. Do not use this catalog as a guide to servicing your equipment. Read and follow the IMPORTANT SAFETY INSTRUCTIONS in the Service Manual appropriate for the equipment you are working on.***



***Contact with USED ENGINE OILS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking or changing engine oils take all necessary precautions not to ingest, breathe the fumes or contact the used oil.***



***Contact with ASBESTOS has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When handling engine gaskets take all necessary precautions not to ingest, breathe or contact the dust from the gaskets! Use adequate ventilation and wear protective gloves, masks and clothing!***



***Contact with BENZINE and LEAD, found in gasoline, fuel additives and solvents has been identified by a United States federal agency and some USA state agencies as causing CANCER or REPRODUCTIVE TOXICITY. When checking, draining or adding gasoline and fuel additives or using solvents take all necessary precautions not to ingest, breathe the fumes or contact the liquids. Use adequate ventilation and wear protective gloves, masks and protective clothing!***

## Introduction

This manual applies to the standard Recreational Vehicle Generator Sets as listed in the Generator Set Data Table. Parts are arranged in groups of related items and each illustrated part is identified by a reference number corresponding to the same reference number in the parts list. Parts illustrations are typical. Using the model and specification number from your generator set nameplate, select parts that apply to your set. Right and left sides are determined by facing the engine end (front) of the set.

<b>Generator Set Data Table</b>				
<b>MODEL AND SPECIFICATION</b>	<b>VOLTS</b>	<b>HERTZ</b>	<b>FUEL</b>	<b>WIRING DIAGRAM</b>
1.7KV-FU/29236A,B	240	50	Gasoline	610-0376
2.0KV-FR/26119B	230	50	LP	610-0376
2.0KV-FR/26119,C,D,E	230	50	LP	610-0383
2.0KV-FR/26119F,G,H,J	230	50	LP	610-0389
2.0KV-FR/26119K,L	230	50	LP	610-0389
2.0KV-FR/33742B	220	50	Gasoline	610-0376
2.0KV-FR/33742C,D,E	220	50	Gasoline	610-0383
2.0KV-FR/33742F,G	220	50	Gasoline	610-0389
2.0KV-FR/37544A,B	110/220	50	Gasoline	610-0380
2.0KV-FR/51844C,E	220	50	Gasoline	610-0384
2.0KV-FR/51844F,G	220	50	Gasoline	610-0390
2.2KV-FA/26100A,B	120	60	Gasoline	610-0375
2.3KV-FR/33742F,G,J,K	220	50	Gasoline	610-0389
2.3KV-FR/51844F,G,J,K	220	50	Gasoline	610-0390
2.5KV-FR/11540F,G,H,J	100	60	LP	610-0394
2.5KV-FR/11540K,L	100	60	LP	610-0394
2.5KV-FA/26120B	120	60	LP	610-0379
2.5KV-FA/26120C,D,E	120	60	LP	610-0382
2.5KV-FA/26120F,G,H,J	120	60	LP	610-0388
2.5KV-FA/26120K,L	100	60	LP	610-0388
2.8KV-FR/11351C,E	100	60	Gasoline	610-0386
2.8KV-FR/11351F,G,J,K	100	60	Gasoline	610-0394
2.8KV-FA/11574F,G,J,K	120	60	Gasoline	610-0388
2.8KV-FA/26100A,B	120	60	Gasoline	610-0375
2.8KV-FA/26100C,E	120	60	Gasoline	610-0382
2.8KV-FA/26100F,G,J	120	60	Gasoline	610-0388
3.0KVC-83A,B,C	120	60	Gasoline	610-0395
3.0KVC-84A,B,C	100	60	Gasoline	610-0396
2.5KVD-2089A,B	120	60	LP	625-4345
2.0KVD-3730B	230	50	LP	625-4562
2.8KVD-2090A	120	60	Gasoline	625-4345
2.3KVD-3729A	230	50	Gasoline	625-4562

Note – The diagonal line (/) or dash (–) in the model and specification number separates generator set characteristics from the specification number and letter. The specification number denotes customer requested options or deviations from a standard model. The specification letter advances (A to B, B to C, etc.) with major manufacturing changes.

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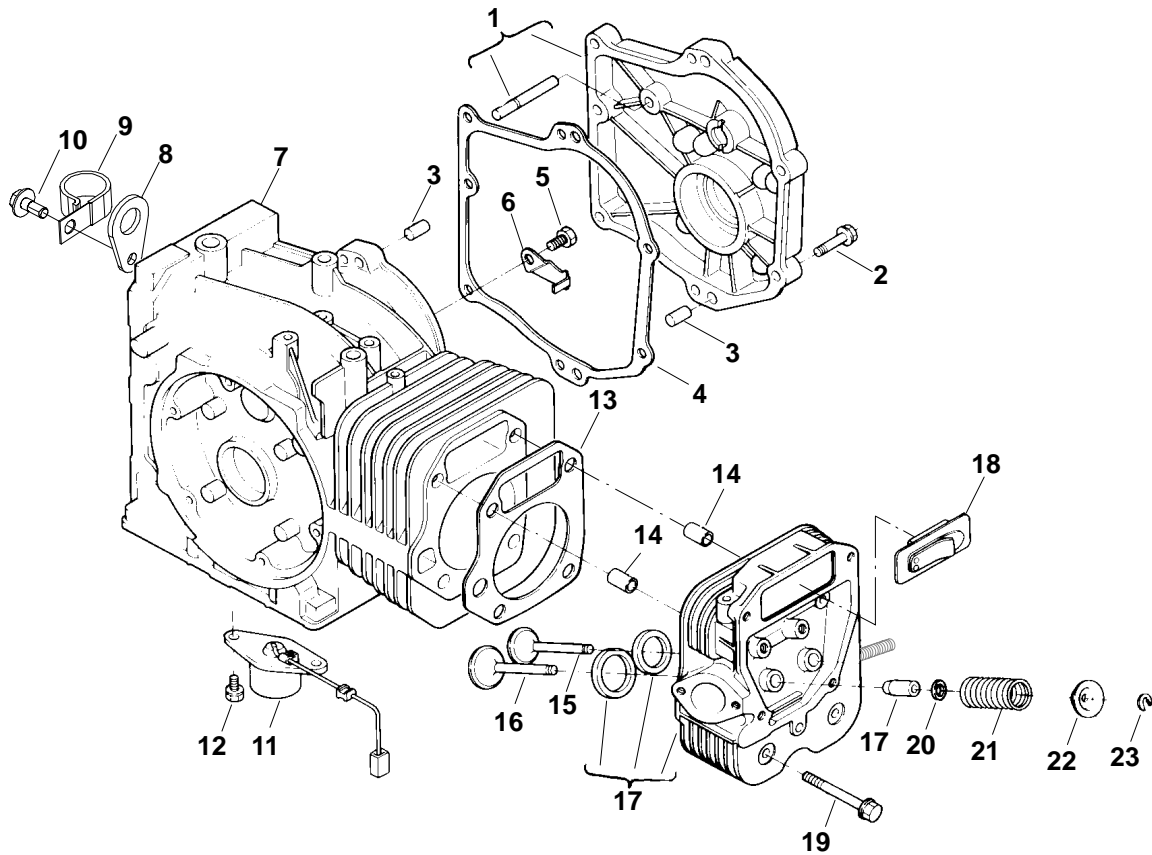
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- Switch, Rocker (KVD and KV, Begin Spec F), **57**
- System, Choke (KVC, KVD, Gasoline), **14**
- Tappet, **8**
  
- Transformer (KV Spec A–F), **52**
- Transformer (KVC), **54**
- Transformer (KVD and KV Spec Begin Spec G), **53**
- Tube, Breather, **9**
- Tube, Endbell, **45**
- Tube, Exhaust (KV), **33**
- Tube, Exhaust (KVC), **31**
  
- Tube, Oil Fill, **10**
- Valve, Exhaust, **6**
- Valve, Intake, **6**
- Voltmeter (KVD and KV Begin Spec F), **58**

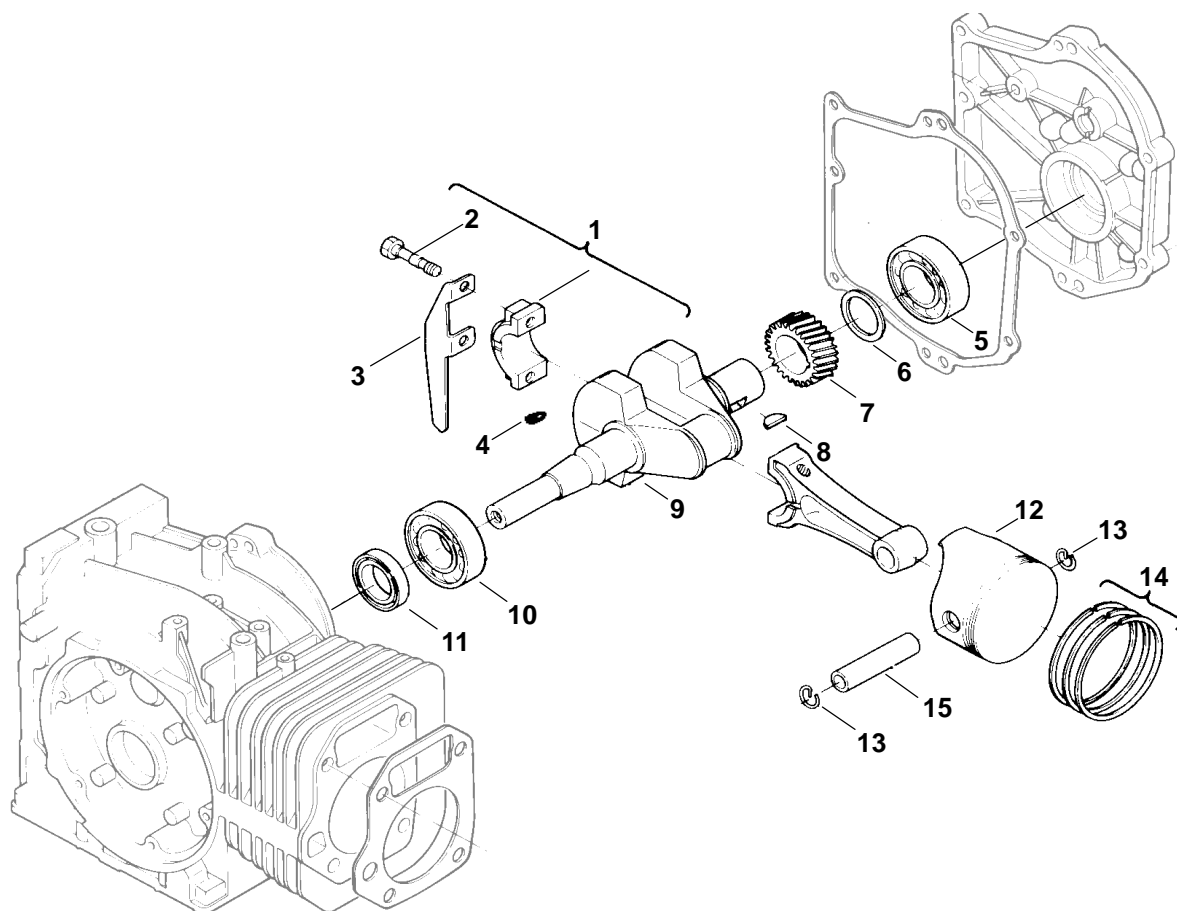
## Cylinder Block



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	100-3389	1	Engine, Replacement	11	308-1059	1	Switch, Low Oil Pressure (S2)
1	185-5193	1	Gearcase (Includes Pin)	12	185-5198	2	Bolt
2	185-5195	7	Bolt	13	185-5095	1	Gasket, Head
3	185-3175	2	Pin, Alignment	14	185-5097	2	Pin, Alignment
4	185-5194	1	Gasket, Gearcase	15	185-5202	1	Valve, Exhaust
5	185-3730	4	Bolt	16	185-5201	1	Valve, Intake
6	185-5199	1	Slinger, Oil	17	185-5200	1	Head, Cylinder (Includes Valve Guides and Valve Seats)
7	185-5196	1	Block, Cylinder	18	185-5099	1	Breather
8	403-4417-02	1	Bracket, Lifting	19	185-5096	4	Bolt, Cylinder Head
9	332-2634	1	Clamp, J (LP Sets)	20	185-5313	1	Seal, Intake Valve
10			Screw, Hex Head Thread Form	21	185-5203	2	Spring, Valve
	815-0709-01	1	KVC, Spec A	22	185-5204	2	Retainer, Valve Spring
			(M8 x 1.25 x 18mm)	23	185-5205	2	Cotter
	815-0508	1	KV, KVC (Begin Spec B) and KVD (5/16-18 x .75")				

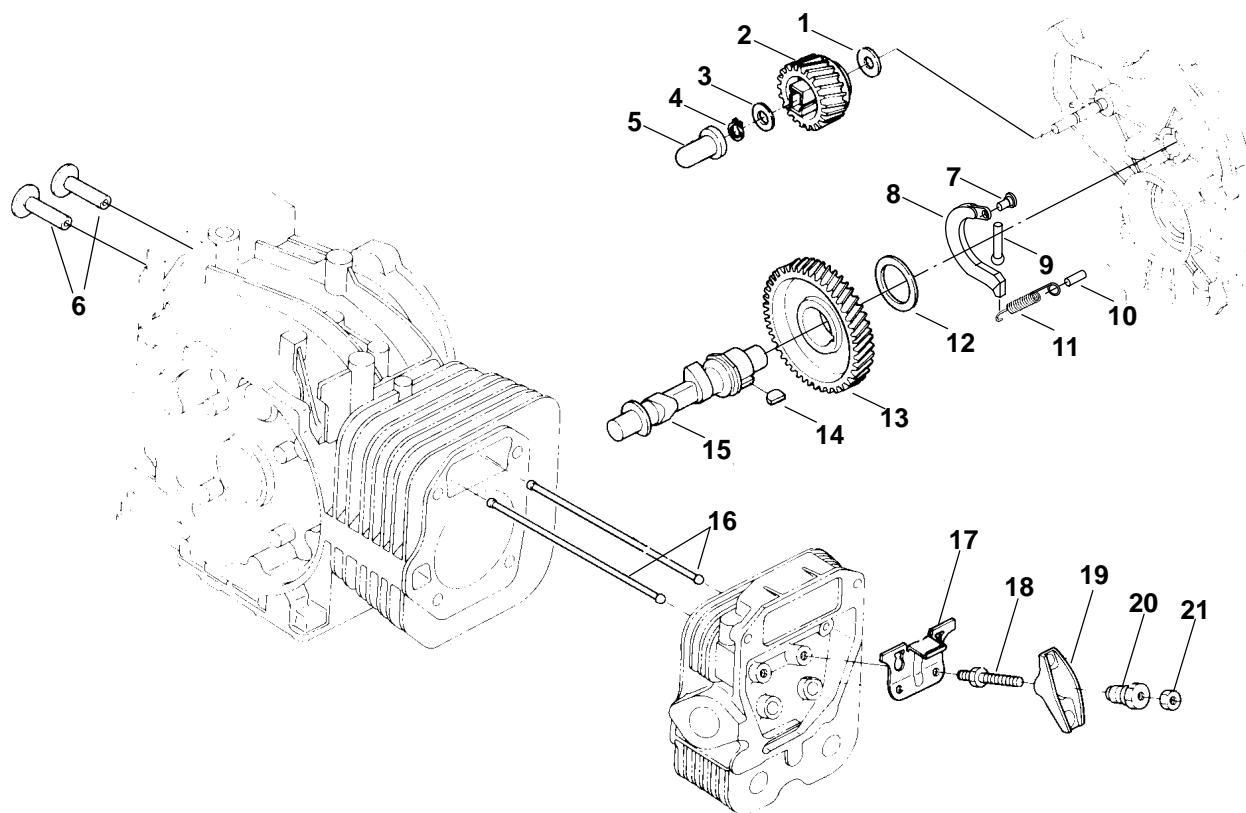


## Crankshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5112	1	Rod, Connecting (Includes Following Bolt and Splasher)	7	185-5116	1	Gear, Crankshaft
2	185-5113	2	Bolt, Connecting Rod	8	185-3088	1	Key, Crankshaft
3	185-5114	1	Splasher	9			Crankshaft
4	185-3085	1	Key, Crankshaft		185-5115	1	Spec A-B
5	185-5118	1	Bearing, Ball		185-7091	1	Begin Spec C
6			Shim, Crankshaft		185-7091	1	KVC, KVD
	185-4547	1	.10mm	10	185-5117	1	Bearing, Ball
	185-3371	1	.20mm	11	185-3761	1	Seal, Oil
	185-3366	1	.25mm	12	185-5109	1	Piston
	185-3367	1	.30mm	13	185-3416	2	Ring, Retaining
	185-3365	1	.35mm	14	185-5110	1	Kit, Piston Ring
	185-3368	1	.40mm	15	185-5111	1	Pin, Piston
	185-3370	1	.45mm				
	185-3369	1	.50mm				

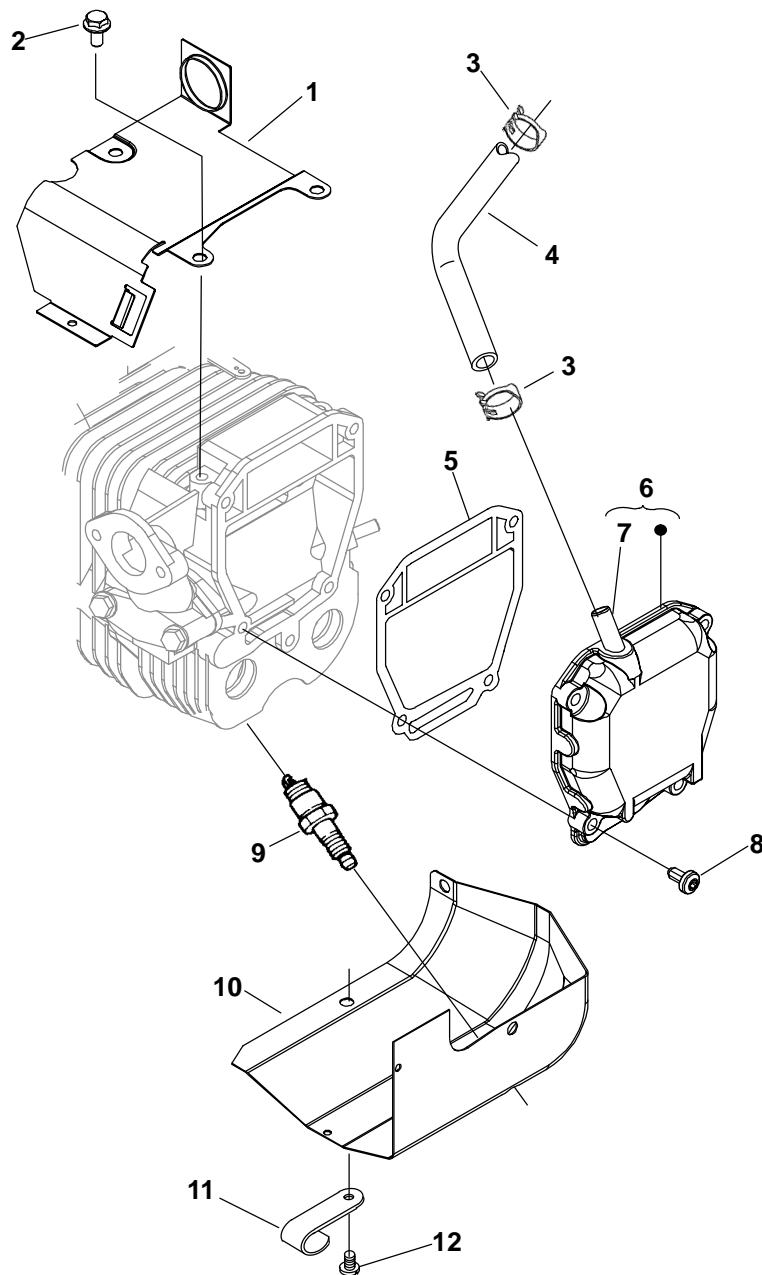
## Camshaft



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	526-2078	1	Washer	13			Gear, Camshaft KV
2	185-3674	1	Gear, Governor		185-5108	1	Spec A, B
3	526-2077	1	Washer		185-2914	1	Begin Spec C
4	150-2275	1	Stopper		185-2914	1	KVC, KVD
5	185-3675	1	Sleeve, Governor	14	185-3389	1	Key, Camshaft
6	185-5106	2	Tappet	15			Camshaft KV
7	150-2302	1	*Shaft, Flyweight		185-5107	1	Spec A, B
8	185-2731	1	*Flyweight		185-6375	1	Begin Spec C (Includes Parts Marked *)
9	185-6374	1	Pin, Decompression (KVC, KVD and KV, Begin Spec C)		185-6375	1	KVC, KVD(Includes Parts Marked *)
10	150-2305	1	*Pin, Decompression Spring	16	185-5103	2	Rod, Push
11	185-6373	1	Spring, Decompression(KVC, KVD and KV, Begin Spec C)	17	185-5104	1	Guide, Push Rod
12			Shim, Camshaft	18	185-5105	2	Stud
	185-4551	1	.10mm	19	185-5100	2	Arm, Rocker
	185-3399	1	.20mm	20	185-5101	2	Nut (Special)
	185-3393	1	.25mm	21	185-5102	2	Nut
	185-3394	1	.30mm				
	185-3392	1	.35mm				
	185-3395	1	.40mm				
	185-3396	1	.45mm				
	185-3397	1	.50mm				
	185-3398	1	.55mm				

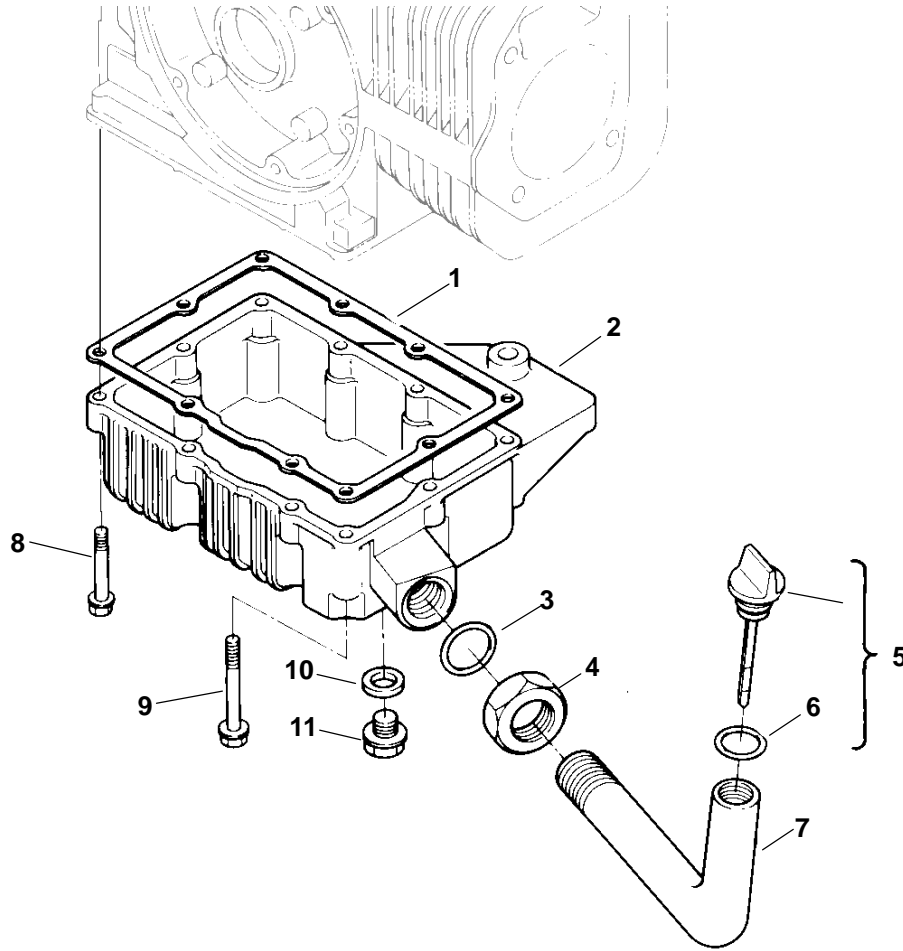
\* - Parts Included with Camshaft KVC, KVD and KV Beginning Spec C.

## Cylinder Head Cover



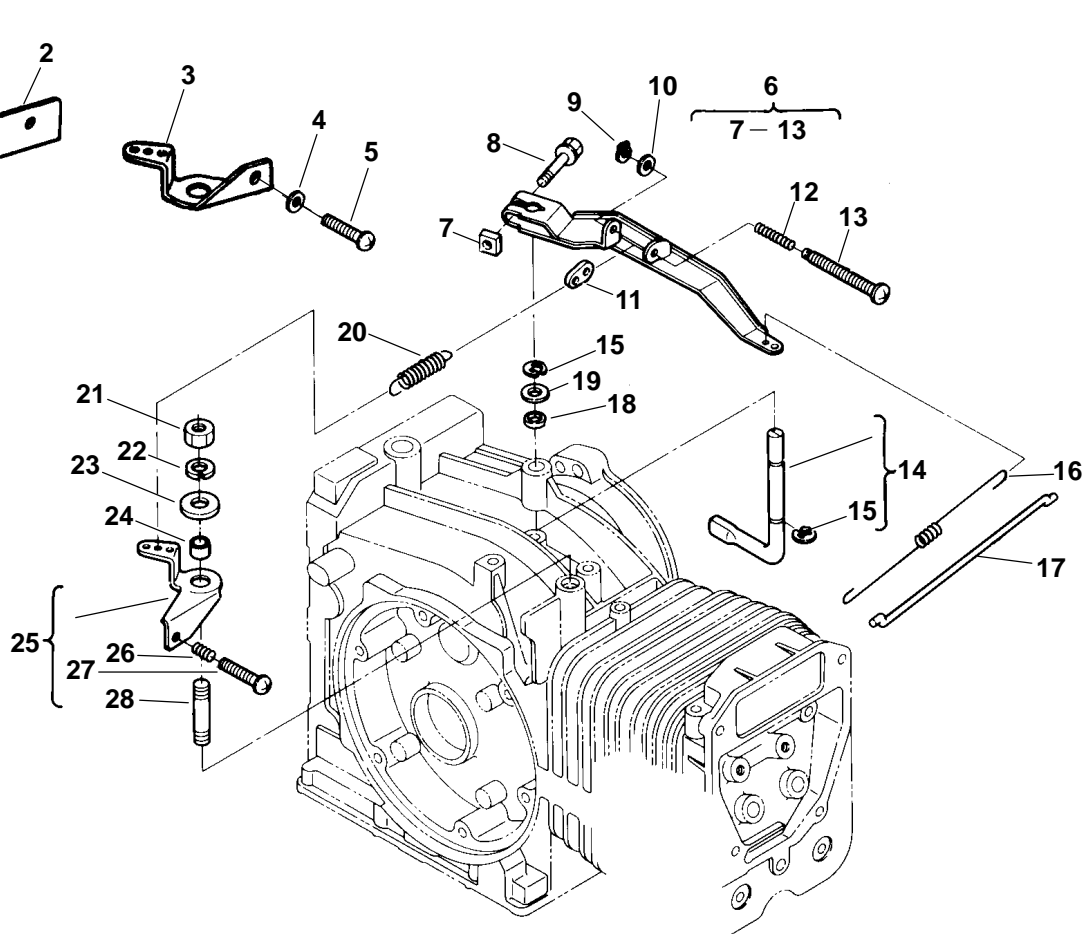
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5160	1	Housing, Top Air Guide	6	185-5156	1	Cover, Cylinder Head (Includes Breather Tube)
2	185-3730	3	Bolt	7	185-5157	1	Tube, Breather
3	503-1445-06	2	Clamp, Breather Hose	8	185-5159	4	Bolt
4			Hose, Breather KV	9	167-0263-02	1	Plug, Spark (E1)
	123-2044	1	Spec A-F	10	134-4636-01	1	Housing, Bottom Air Guide
	123-2129	1	Begin Spec G	11	518-0533	1	Clip, "J" (KV, KVC)
	123-2129	1	KVC, KVD Gas (See page 21 for LP)	12	823-0003-06	3	Screw, Pan Head Torx Thread Form (M6 x 1 x 12mm)
5	185-5158	1	Gasket, Cover				

## Oil Base



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	185-5120	1	Gasket, Oil Base	7	185-5124	1	Tube, Oil Fill
2	185-5119	1	Base, Oil	8	185-5121	6	Bolt
3	185-5126	1	O'Ring	9	185-5122	4	Bolt
4	185-5125	1	Nut	10	185-3077	1	Gasket
5	185-5123	1	Indicator, Oil Level (Includes O'Ring)	11	102-1367	1	Plug, Oil Drain (M12 x 1.25mm)
6	185-3078	1	O'Ring				

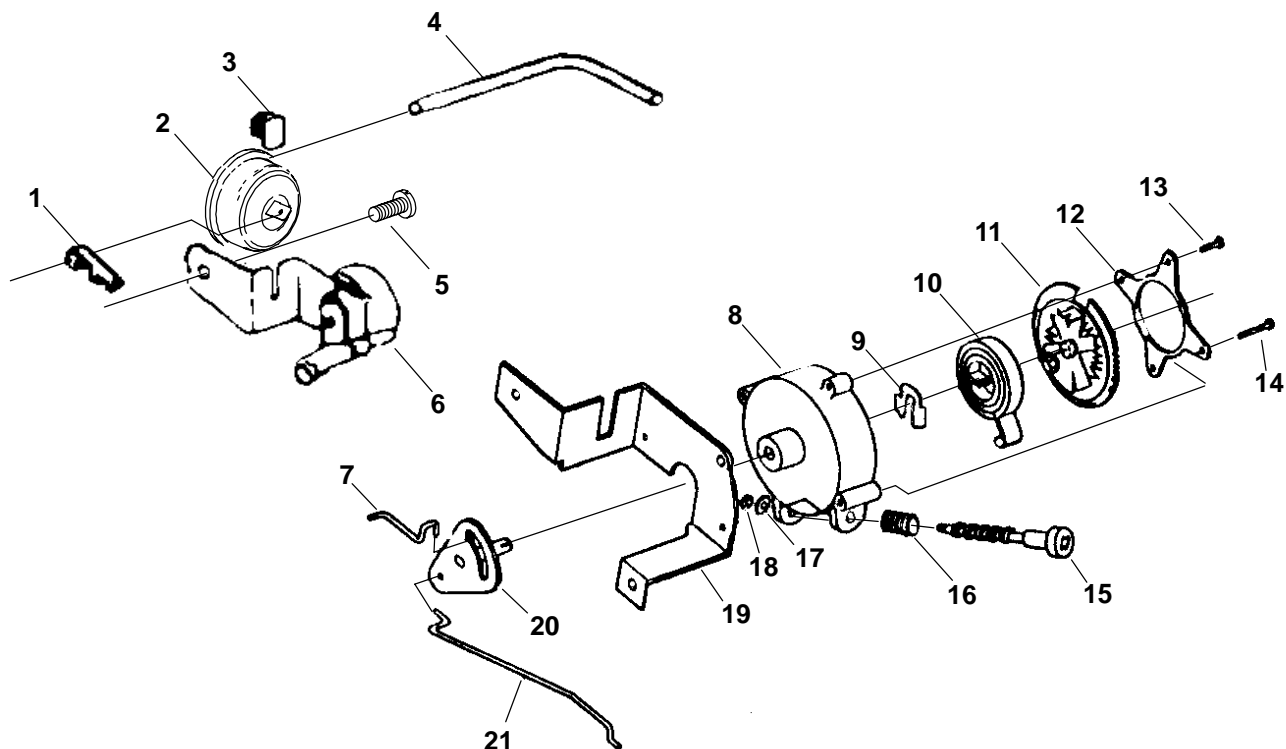
## Governor



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	815-0261	2	Screw, Hex Washer Head Thread Form (1/4-20 x 1/2")(LP)	15	518-0576	2	Clip, Retainer
2	150-2450-02	1	Stop, Governor Adjust (LP)	16	185-5152	1	Spring, Rod
3	150-2449-02	1	Arm, Governor Adjust (LP)	17	185-5151	1	Rod, Governor
4	526-0003	1	Washer, Flat (3/16") (LP)	18	150-2448	1	Gasket
5	812-0087	1	Screw, Round Head Machine (8-32 x 1.5")(LP)	19	185-7221	1	Washer, Flat
6	185-6955	1	Lever, Governor (Includes Parts Marked *)	20	185-5150	1	Spring, Governor
7	185-5148	1	*Nut	21	185-2366	1	Nut, Flanged (M8)
8	185-6677	1	*Bolt	22	185-6957	1	Washer, Spring Lock
9	185-7090	1	*Clip, Retainer	23	185-4499	1	Plate, Pressure
10	185-5145	1	*Washer, Flat	24	185-4498	1	Collar
11	150-2396	1	*Holder, Governor Spring	25	151-0700	1	Lever, Control (Includes Screw and Spring)(Gasoline Sets)
12	150-2394	1	*Spring	26	150-2394	1	Spring
13	150-2395	1	*Screw	27	150-2514	1	Screw
14	185-5149	1	Shaft, Governor Lever (Includes Retainer Clip)	28	150-2286	1	Stud

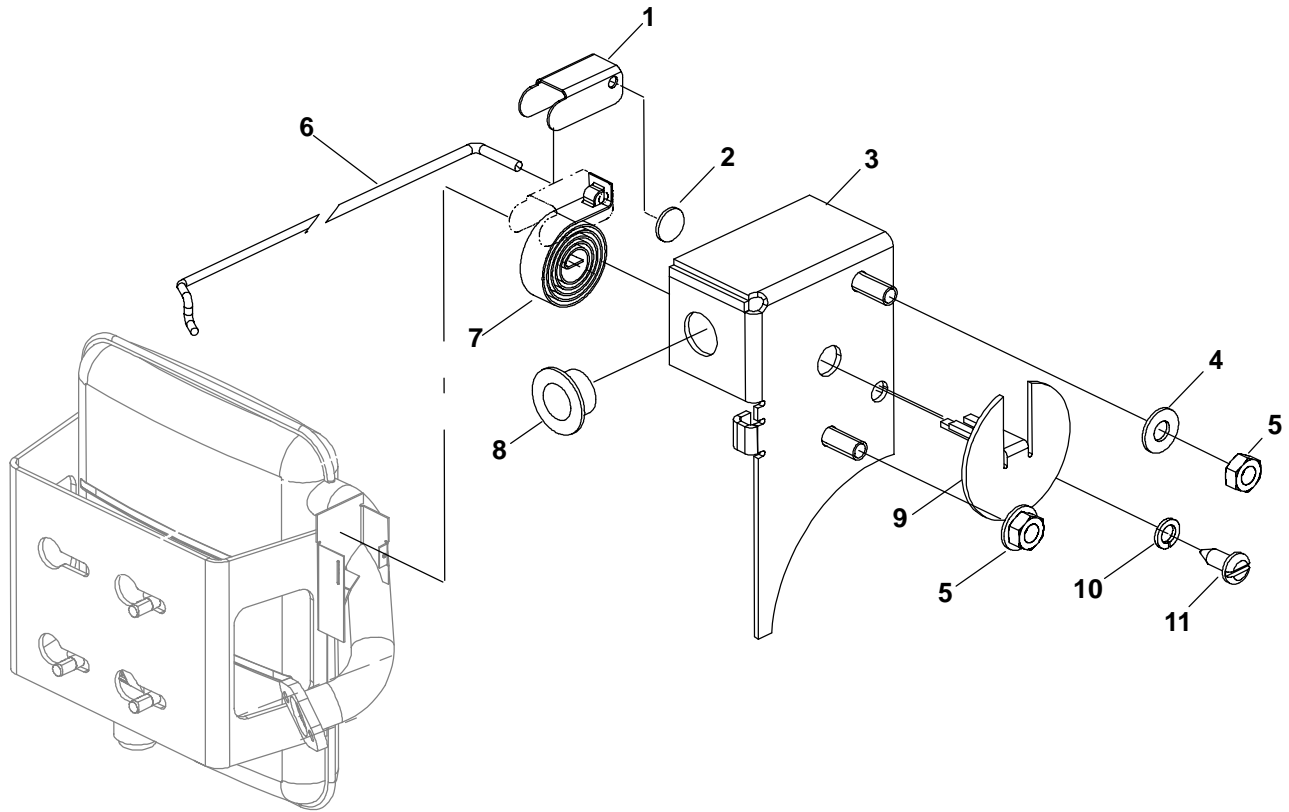
\* - Parts Included in Governor Lever.

## Choke System (KV Spec A, B)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	518-0371	1	Clip, Rod End	13	823-0002-04	2	Screw, Pan Head Thread Forming with Socket Drive and IT Lockwasher (M4 x 0.7 x 12mm)
2	153-0600	1	Diaphragm, Pull Off	14	823-0006-01	2	Screw, Pan Head Thread Forming with Socket Drive and IT Lockwasher (M4 x 0.7 x 30mm)
3	518-0450	1	Clip, "U"	15	153-0595	1	Screw, Choke Adjust
4	503-1338	1	Hose, Vacuum	16	153-0610	1	Spring, Choke Adjust
5	823-0003-05	2	Screw, Socket Drive Pan Head (M6 x 1 x 14mm)	17	526-0008	1	Washer, Flat
6	153-0604	1	Choke (H1)	18	518-0129	1	Ring, Extension Retaining
7	153-0599	1	Link, Pull Off	19	153-0605-02	1	Bracket, Choke Mounting
8	153-0611	1	Housing, Choke	20	153-0598	1	Shaft, Choke
9	518-0532	1	Ring, Choke Retaining Adjust	21	153-0596	1	Linkage, Choke
10	153-0554	1	Element, Thermostat				
11	153-0602	1	Cover, Choke (Includes Choke Heater Element, Washers and Heater Spider)				
12	153-0609	1	Retainer, Choke Cover				

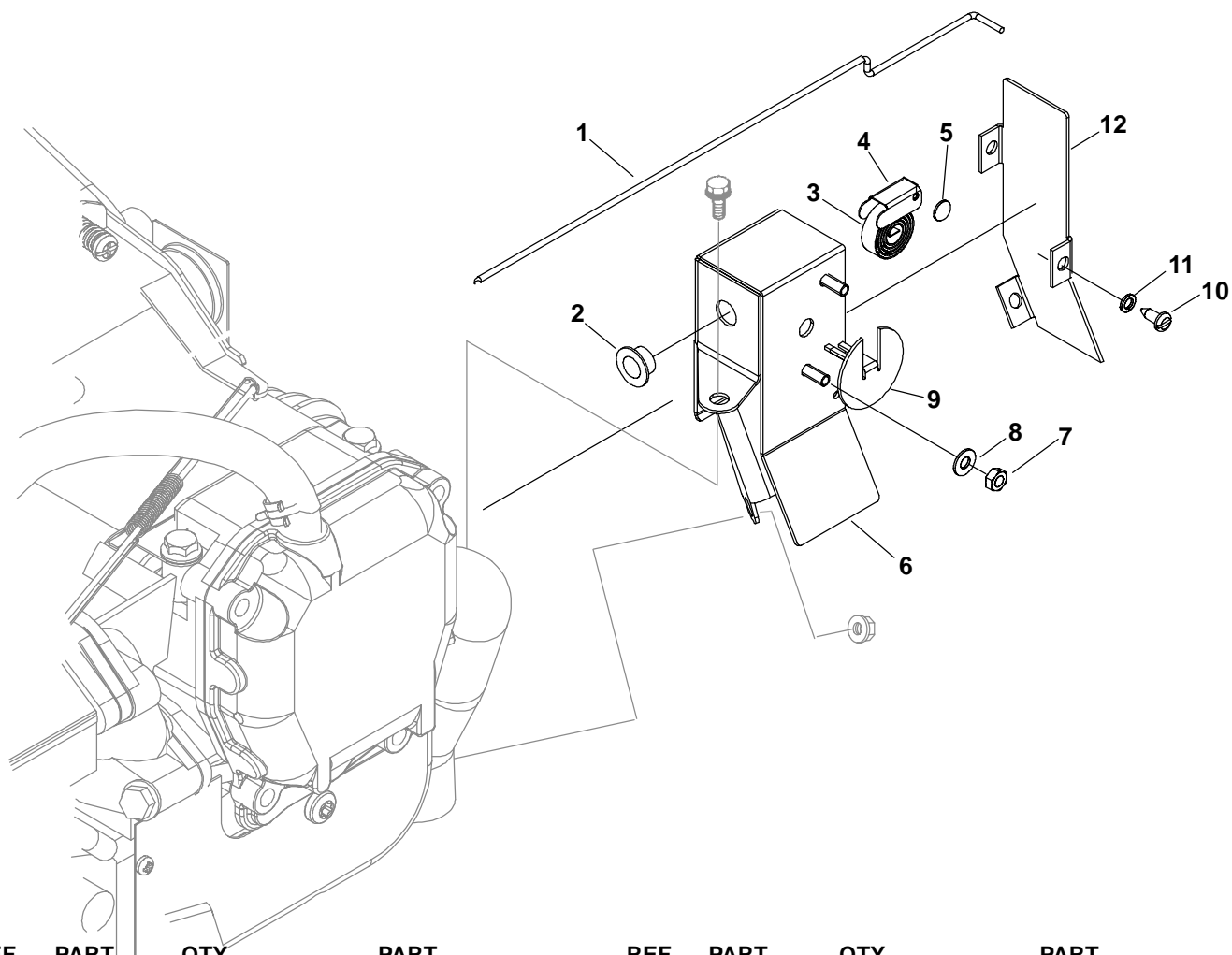
## Choke System (KV Begin Spec C)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	153-0659	1	Cover, Element
2	517-0305	1	Cap, Dome
3	153-0647-02	1	Cover, Choke
4	526-0003	2	Washer, Flat (#8)
5	860-2005	2	Nut, Lock Flange (M4)
6	153-0645	1	Linkage, Choke

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	153-0640	1	Element, Thermostat
8	232-3720	1	Bearing, Choke Flange
9	153-0651-02	1	Cover, Choke
10	850-0020	1	Washer, Lock (#6)
11	808-0008	1	Screw, Pan Head (#6 x 3/8")

# **Choke System** **KVC, KVD** **(Gasoline)**

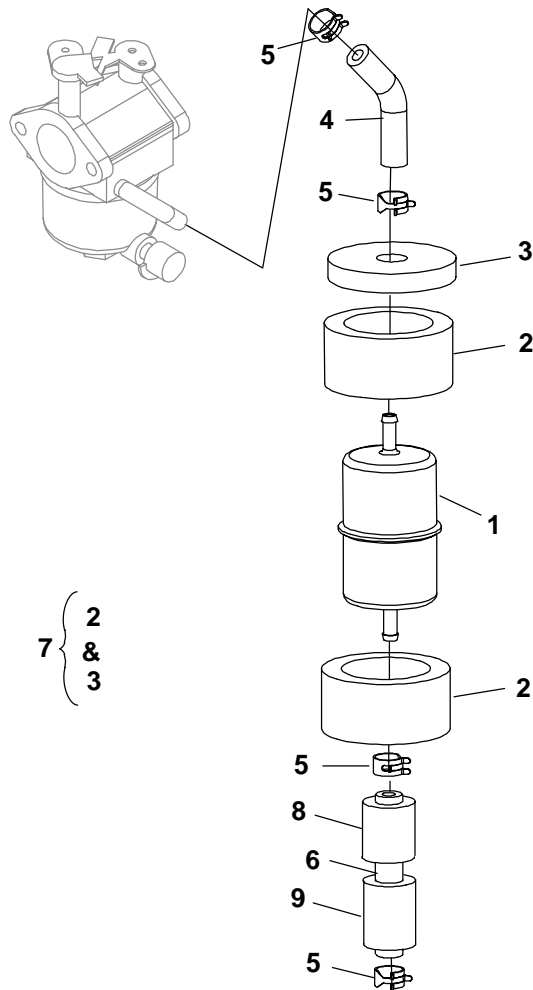


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	153-0693	1	Linkage, Choke
2	232-3720	1	Bearing, Choke Flange
3	153-0640	1	Element, Thermostat
4	153-0659	1	Cover, Element
5	517-0305	1	Cap, Dome
6	153-0691-02	1	Housing, Choke
7	860-2005	2	Nut, Lock Flange (M4 x .7)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
8	526-0003	2	Washer, Flat (#8)
9	153-0651-02	1	Cover, Choke
10	808-0008	3	Screw, Pan Head Sheet Metal (#6-32 x .38)
11	850-0020	3	Washer, Lock (#6)
12	153-0692-02	1	Cover, Choke Housing

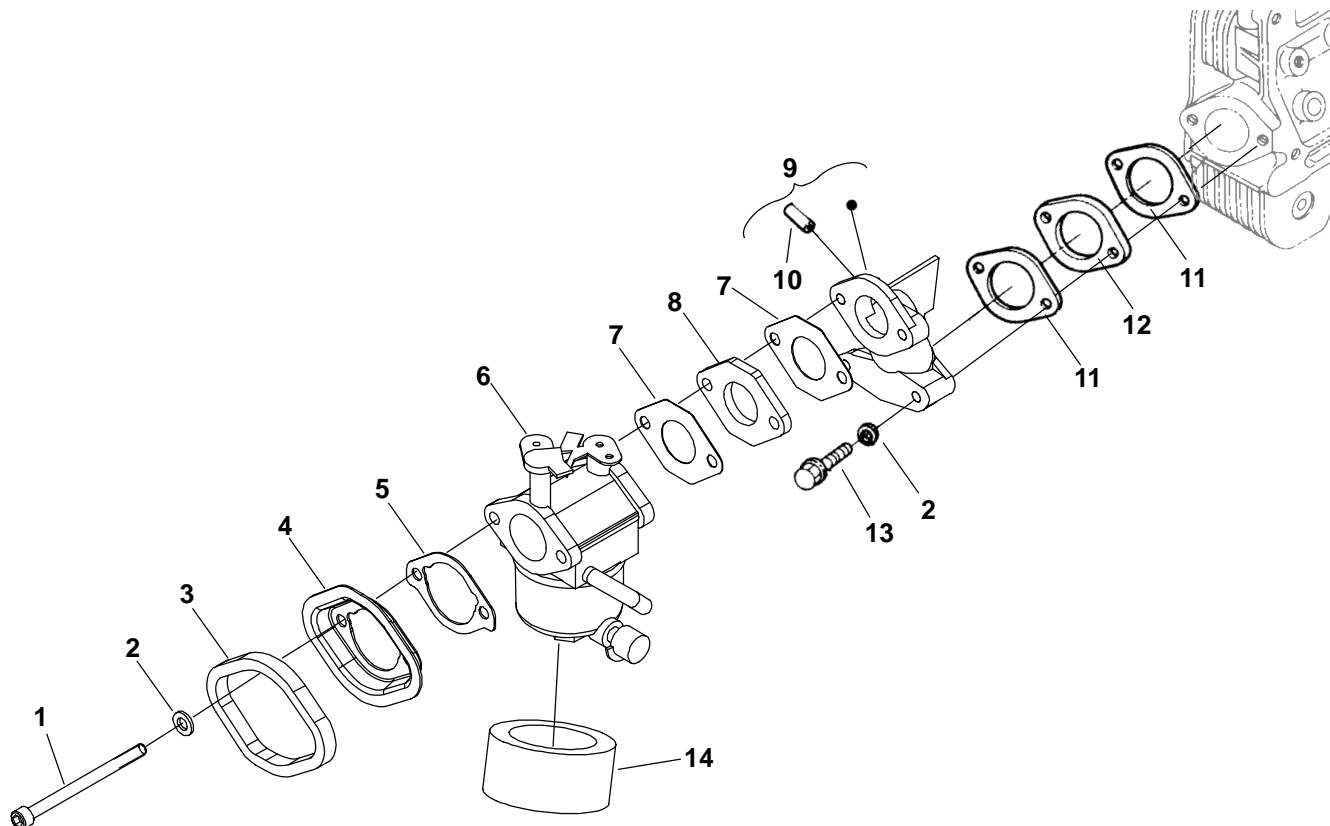


## Fuel Filter Gasoline



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	149-2137	1	Filter, Fuel	7	541-0558	1	Kit, Filter Cover (Includes Fuel Filter Foam, Foam Cover and Fuel Filter Foam Shown on Carburetor Page)
2	149-2633	1	KV				
	149-2633	2	KVC, KVD				
3	149-2636	1	Cover, Fuel Filter (KVC, KVD)	8	898-1196-26	1	Sleeving, Convuluted (21") KV, KVD
4			Hose, Upper Fuel		898-1196-27	1	KVC
	503-1418	1	KV Spec A (85mm)	9	898-1196-25	1	Sleeving, Convuluted (KVD, 5-3/4")
	503-1777	1	KV Begin Spec B (70mm) and KVC, KVD Begin Spec A				
5	503-0731	4	Clamp, Black Hose				
6			Hose, Lower Fuel KV				
	503-1418	1	Spec A (85mm)				
	503-1777	1	Spec B (70mm)				
	503-1824	1	Begin Spec C (600mm) KVC (279mm)				
	503-1777	1	Spec A				
	503-2146	1	Begin Spec B				
	503-2300	1	KVD (825mm) Begin Spec A				

## Gasoline Carburetor

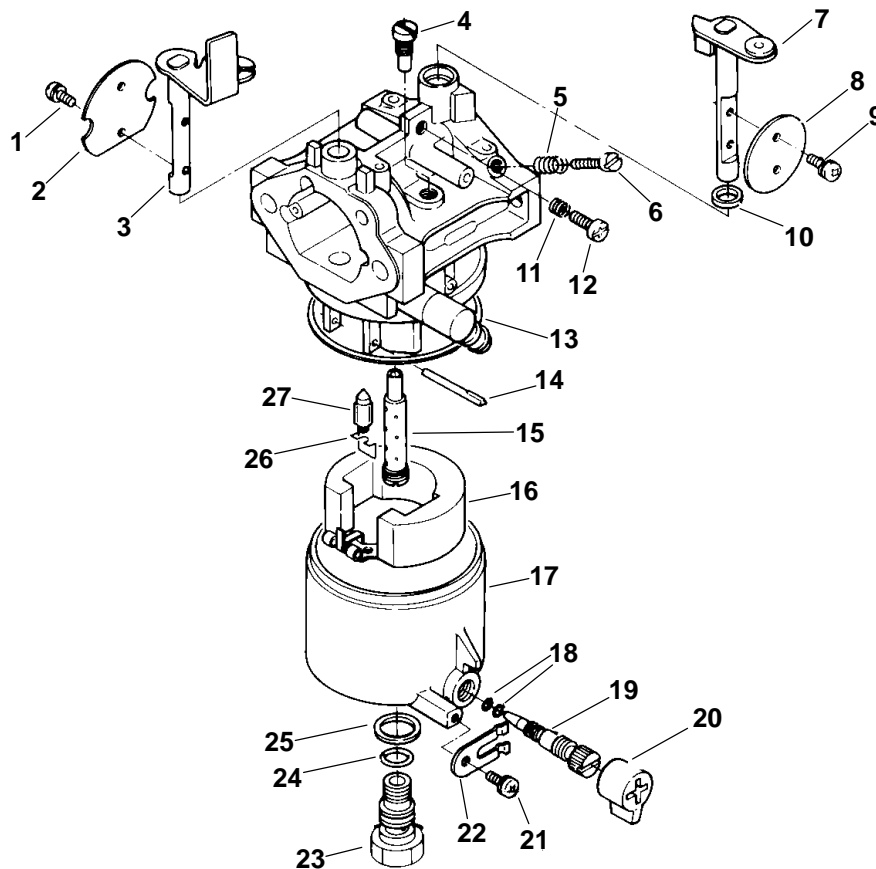


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	146-0705	1	Kit, Carburetor (KV Begin Spec E, KVC Begin Spec C and KVD Begin Spec A)	7	140-2981	2	*Gasket, Carburetor
1	185-5129	2	Bolt (M6 x 1 x 80mm)	8	185-5134	1	Insulator
2	740-1004	2	Washer, Flat (M6)		140-2980	1	KV Spec A-D
3	145-0589	1	Gasket, Carburetor Flange				KV Begin Spec E,
4			Flange, Air Cleaner				KVC Begin Spec C
	185-5127	1	KV Spec A-D	9	185-5135	1	KVD Begin Spec A
	140-2978	1	KV Begin Spec E,				Elbow, Intake (Includes Vacuum
			KVC Begin Spec C,				Hose Pipe)
			KVD Begin Spec A	10	185-5136	1	Pipe, Vacuum Hose
5			Gasket, Flange				(KV, Spec A & B with hole)
			KV	11	185-5137	2	Gasket, Intake Elbow
	185-5128	1	Spec A-D	12	185-5138	1	Insulator
	140-2979	1	* Begin Spec E, KVC, KVD	13	185-5139	2	Bolt, Flange
6			Carburetor	14	149-2633	1	+Foam, Fuel Filter (KVC, KVD)
			KV				
	146-0540	1	Spec A, B				
	146-0569	1	Spec C-D				
	146-0802	1	* Begin Spec E (Includes Gaskets Marked *)				
	146-0802	1	KVC Begin Spec A				
			(Includes Parts Marked *)				
	146-0802	1	KVD Begin Spec A				
			Gaskets Marked *)				

\* - Parts Included when ordering carburetor 146-0802 or carburetor kit 146-0705.

+ Filter Foam Included in Filter Cover Kit Listed on Fuel Filter Page.

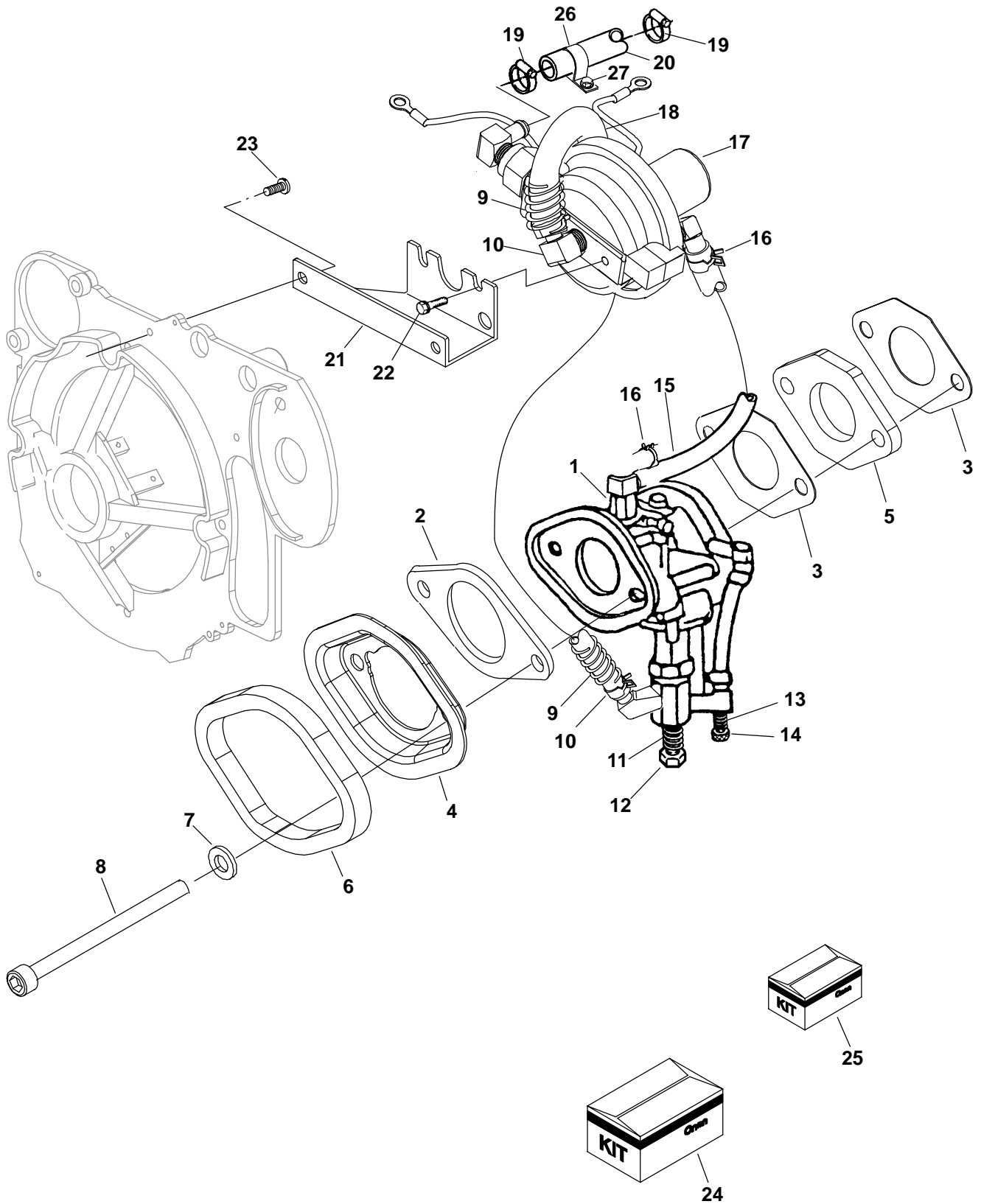
# **Gasoline Carburetor \*Components (KV Spec A-B)**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	146-0540	1	Carburetor	16	185-5179	1	Float
1	185-5165	2	Screw	17	185-5175	1	Body, Float
2	185-5164	1	Valve, Choke	18	185-5183	2	O'Ring
3	185-5168	1	Shaft, Choke	19	185-5182	1	Adjuster
4	185-5166	1	Jet, Pilot	20	185-5181	1	Cap
5	185-3245	1	Spring	21	185-5184	1	Screw
6	185-5167	1	Adjuster	22	185-5172	1	Plate, Spring
7	185-5170	1	Shaft, Throttle	23	185-5314	1	Bolt, Float Body
8	185-5163	1	Valve, Throttle	24	185-5176	1	O'Ring
9	185-4558	2	Screw	25	185-5177	1	Washer
10	185-5186	1	Seal	26	185-5185	1	Clip (Obsolete)
11	185-4563	1	Spring	27	185-5173	1	Needle
12	185-5169	1	Screw				
13	185-5178	1	Packing, Chamber - Float				
14	185-5174	1	Pin				
15	185-5180	1	Nozzle, Main				

\* - Service Parts Not Available for Other Carburetors.

# **LPG Carburetor/Regulator** **(KV Spec A-K and KVD Spec A)**



## LPG Carburetor/Regulator (KV Spec A-K and KVD Spec A-B)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Carburetor		541-0808	1	~ Spec H-J (11.8")
			KV		503-2143-05	1	~ Begin Spec K (300mm)
	146-0545	1	Spec A,B (Includes Parts Marked *)		503-2143-05	1	~ KVD (300mm)
	146-0570	1	Spec C, D	19	503-1133	2	Clamp, Hose
	146-0721	1	Spec E, F, G (Includes Gaskets Marked ◇)	20	503-2004	1	Hose, Fuel (25")
	146-0770	1	Spec H	21			Bracket, Regulator
	146-0801	1	Begin Spec J-K (Includes Parts Marked ~)				KV
			KVD		148-0932-02	1	Spec A-G
	146-0801	1	Spec A		148-1124-02	1	Spec H-K
	146-0840	1	Begin Spec B		148-1124-02	1	KVD
2	140-2979	1	◇Gasket, Flange	22	821-0004	2	Screw, Self-Locking Hex Head Flange (#10-32 x 5/16)
3	140-2981	2	◇Gasket, Carburetor	23	823-0003-05	2	Screw, Pan Head (M6 x 1 x 14mm)
4			Flange, Air Cleaner	24	146-0753	1	Kit, Carburetor (Conversion) (Used to Replace KV Spec A-D)
			KV				Carburetor and Components) (Includes Parts Marked @)
	185-5127	1	Spec A-D		140-2978	1	@ Flange, Air Cleaner
	140-2978	1	Spec E-K		140-2979	1	@ Gasket, Air Cleaner
			KVD		140-2980	1	@ Insulator
5			Insulator		140-2981	2	@ Gasket, Insulator
			KV		145-0589	1	@ Gasket, Carburetor Flange
	185-5134	1	Spec A-D		146-0667	1	@ Carburetor, LPG Emission
	140-2980	1	Spec E-K		502-1300	1	@ Reducer, Hose Barb
	140-2980	1	KVD		503-0731	2	@ Clamp, Hose
6	145-0589	1	Gasket, Carburetor Flange		503-1199	1	@ Hose, Vent
7	740-1004	2	Washer, Flat		503-1851	4	@ Clamp, .69 Hose
8	185-5129	2	Bolt (M6 x 1 x 80mm)		503-2004	1	@ Hose, LPG Fuel (12")
9	880-0528	2	Spring, Regulator Hose(Used on KV during Spec F, G Only)		880-0528	1	@ Spring, Regulator Hose
10	503-1133	2	~Clamp, Hose	25	146-0760	1	Kit, Carburetor Service (Used to Service KV Spec A-D Carburetors (Includes Parts Marked +))
11	146-0576	1	+*Spring, Load Adjust				
12	146-0575	1	+*Screw, Load Adjust	26	332-1356	1	Clamp, Loop
13	146-0574	1	+*Spring, Idle Adjust	27	815-0261	1	Screw
14	146-0573	1	+*Screw, Idle Adjust				
15			Hose, Vent				
			KV				
	503-2004	1	Spec A-D (4.2")				
	503-1199	1	Begin Spec E (No Shorter Than 23")				
			KVD (No Shorter Than 23")				
16	503-0731	2	~Clamp, Hose				
17			Regulator				
			KV				
	148-0963	1	Spec A-D				
	148-1012	1	Spec E-G				
	148-1125	1	~ Begin Spec H				
	148-1125	1	~ KVD				
18			Hose, Outlet Fuel				
			KV				
	503-2004	1	Spec A-D (4.4")				
	503-2008	1	Spec E-G (4/38")				

\* - Parts Included with KV Spec A, B Carburetor.

~ - Parts Included with KV Spec J-K Carburetor.

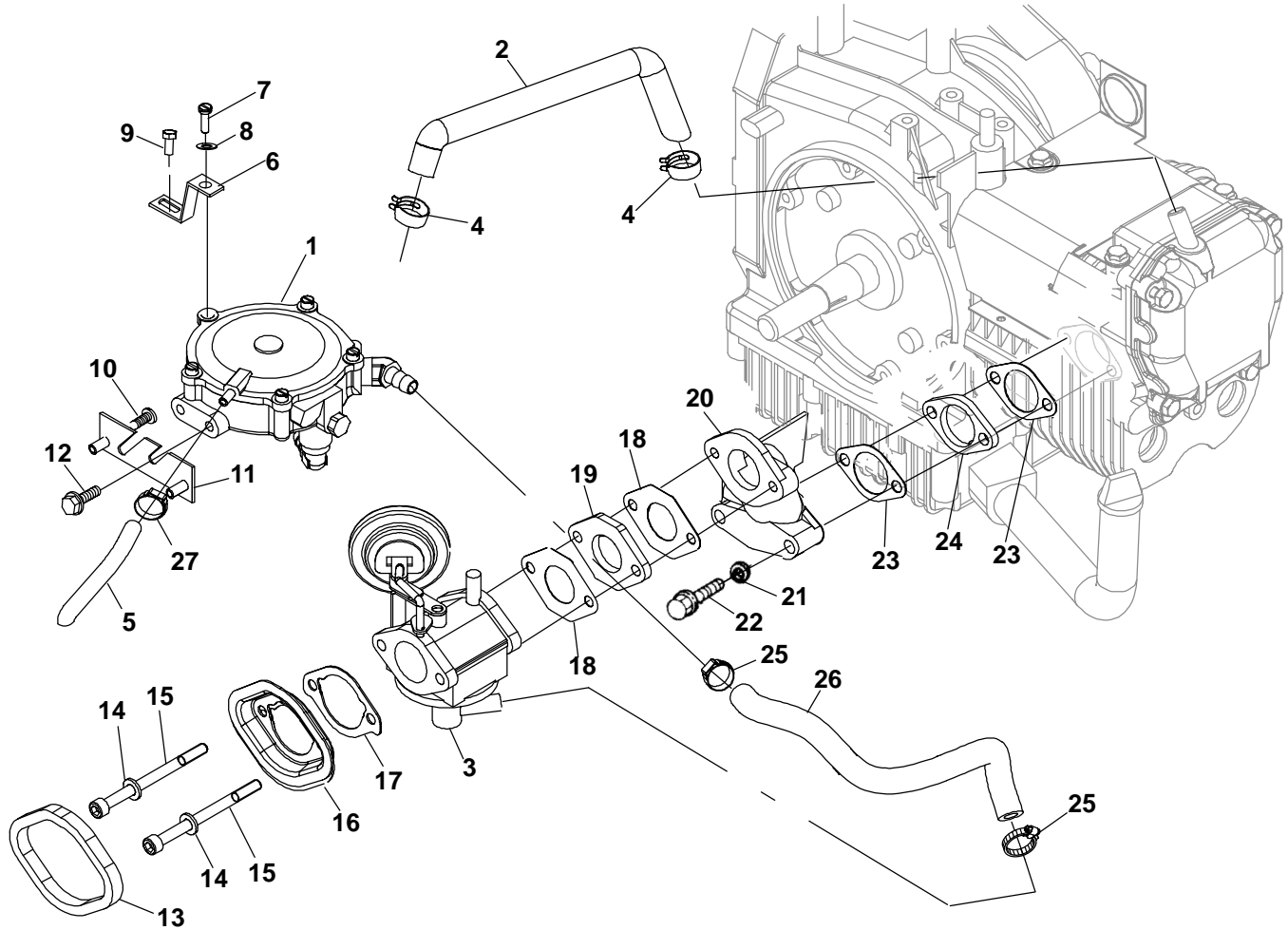
◇ - Gaskets Included with KV Spec E-G Carburetor.

@- Parts Included in LPG Conversion Carburetor Kit.

+ - Parts Included in LPG Carburetor Service Kit.

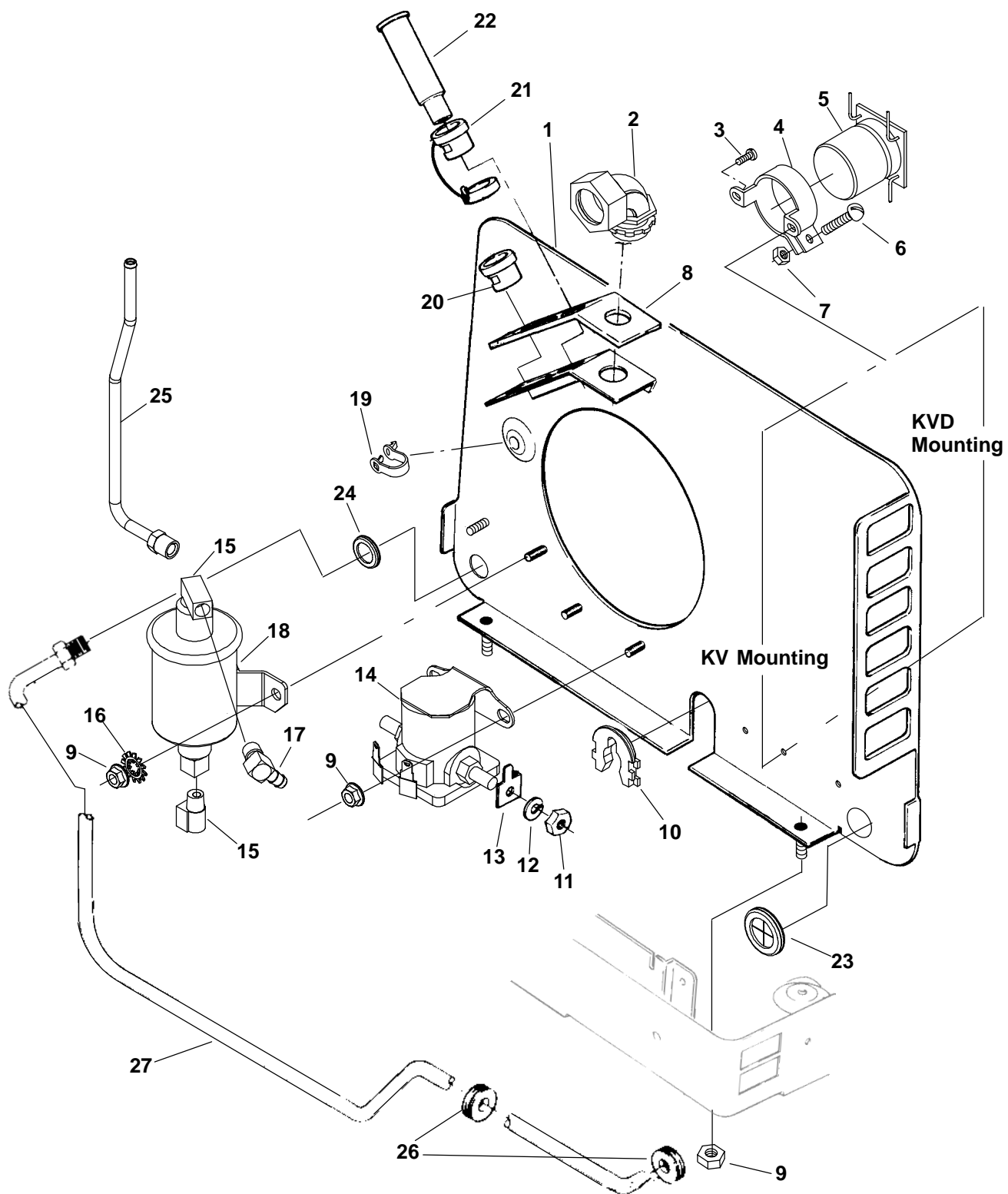


**LPG Mixer**  
**LP (KV FR11540, FA26120, FR26119 Begin Spec L**  
**and KVD 2089 3730 Begin Spec B)**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	148-1260	1	Regulator, Fuel Obsolete	12	821-0010	2	Screw, Locking Hex Head Flange (1/4-20UNF x 12")
	148-1284	1	2KVFR26119, 2.5KVFR11540, 2.5KVFA26120, 2.5KVD2089, 2KVD3730	13	145-0589	1	Gasket, Carb Flange
2	123-2129	1	Hose, Breather	14	740-1004	2	Washer, Flat (M6)
3	146-0830	1	Obsolete	15	185-5129	2	Bolt, (M6 x 1 x 80mm)
	146-0840	1	LPG (60Hz)	16	140-3499-02	1	Flange, Air Cleaner Obsolete
	146-0841	1	LPG (50Hz)		140-2978	1	LPG 60 and 50 Hz
4	503-1445-06	2	Clamp, Hose	17	140-2979	1	Gasket, Air Cleaner
5	503-1418	1	Hose, Fuel	18	140-2981	2	Gasket, Insulator
6	148-1267-02	1	Bracket, Fuel Regulator	19	140-2980	1	Insulator
7	813-0103	1	Screw, Round Head (Mach)	20	185-5135	1	Elbow, Intake
8	850-0030	1	Washer, Spring Locking	21	740-1004	2	Washer, Flat (M6)
9	815-0261	1	Screw, Hex Thread Form	22	185-5129	2	Bolt, Flange
10	823-0003-04	1	Round, Head (Mach)	23	185-5137	2	Gasket, Intake Elbow
11	148-1261-02	1	Bracket, Fuel Regulator	24	185-5138	1	Insulator
				25	503-0446	2	Clamp, Hose
				26	503-2143-08	1	Hose, Vapor, LP
				27	503-0731	1	Hose, Clamp

**Inlet Baffle  
KV, KVD  
(Gasoline)**

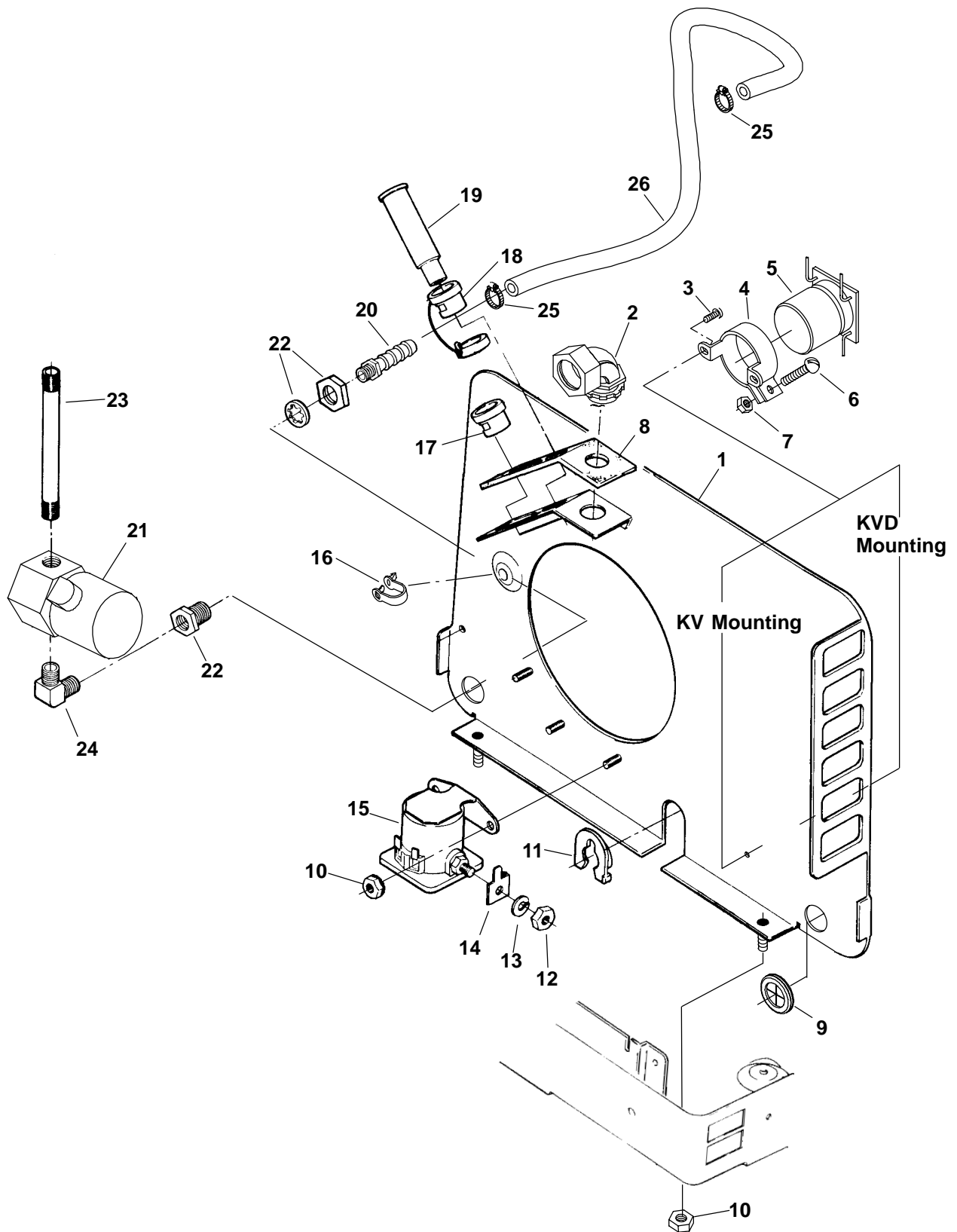




**Inlet Baffle  
KV, KVD  
(Gasoline)**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Baffle, Inlet (Includes Conduit Elbow)	18			Pump, Electric Fuel (E2)
			KV				KV
	405-3785	1	Spec A		149-2140	1	Spec A,B
	405-4321-02	1	Spec B		149-2588	1	Spec C-E
	405-4417-02	1	Spec C-E		149-2615	1	Spec F-K
	405-5827-02	1	Spec F-K		149-2615	1	FR11540, FR26119, FA26120, Begin Spec L and KVD 2089, 3730
	405-6973-04	1	FR11540, FR26119, FA26120 Begin Spec L and KVD 2089, 3730				3729
			3729	19			Begin Spec B
			Begin Spec B				Clamp
2	331-0521	1	Elbow, 90° Conduit		332-2900	1	KV
3	823-0001-01	2	Screw, Pan Head Trox (M3)		332-1420	1	Spec A,B
4	356-0070	1	Clamp, Capacitor Mount		332-1420	1	Begin Spec C
5	300-4329	1	PCB Assy, Capacitor	20	508-0179	1	KVD
6	812-0066	1	Screw, Round Head Machine (#6-32 x .75")	21	323-1507	1	Bushing, Strain Relief
7	860-0006	1	Nut, Hex (#6-32)	22	167-1636	1	Bushing, Strain Relief
8	405-5812	1	Gasket, Foam	23	508-1168	1	Boot, Insulation (B+ Lead)
9	870-2054	6	Nut, Hex Flange Lock (M6 x 1mm)	24	508-1174	1	Grommet (KVD)
10	508-0293	1	Grommet	25			Grommet (KVD)
11	868-0002	2	Nut, Hex (5/16-24)		149-2120	1	Line, Inlet Fuel
12	850-0045	2	Washer, Spring Lock (5/16")		149-2327	1	KV
13	332-2897	2	Terminal		149-2327	1	Spec A,B
14	307-2586	1	Relay, Start Solenoid	26	508-0289	2	Begin Spec C
15	502-0002	1	Elbow, Inverted Male (90°)				KVD
16	856-0006	2	Washer, EIT Lock (1/4")	27	149-2300	2	Grommet, Fuel Line
17	502-0313	1	Elbow, 90°Hose (KV Spec C-K and KVD)(Not used on KV Spec A,B)				KV Spec A, B
							Line Fuel (Includes Nut)
							KV Spec A, B

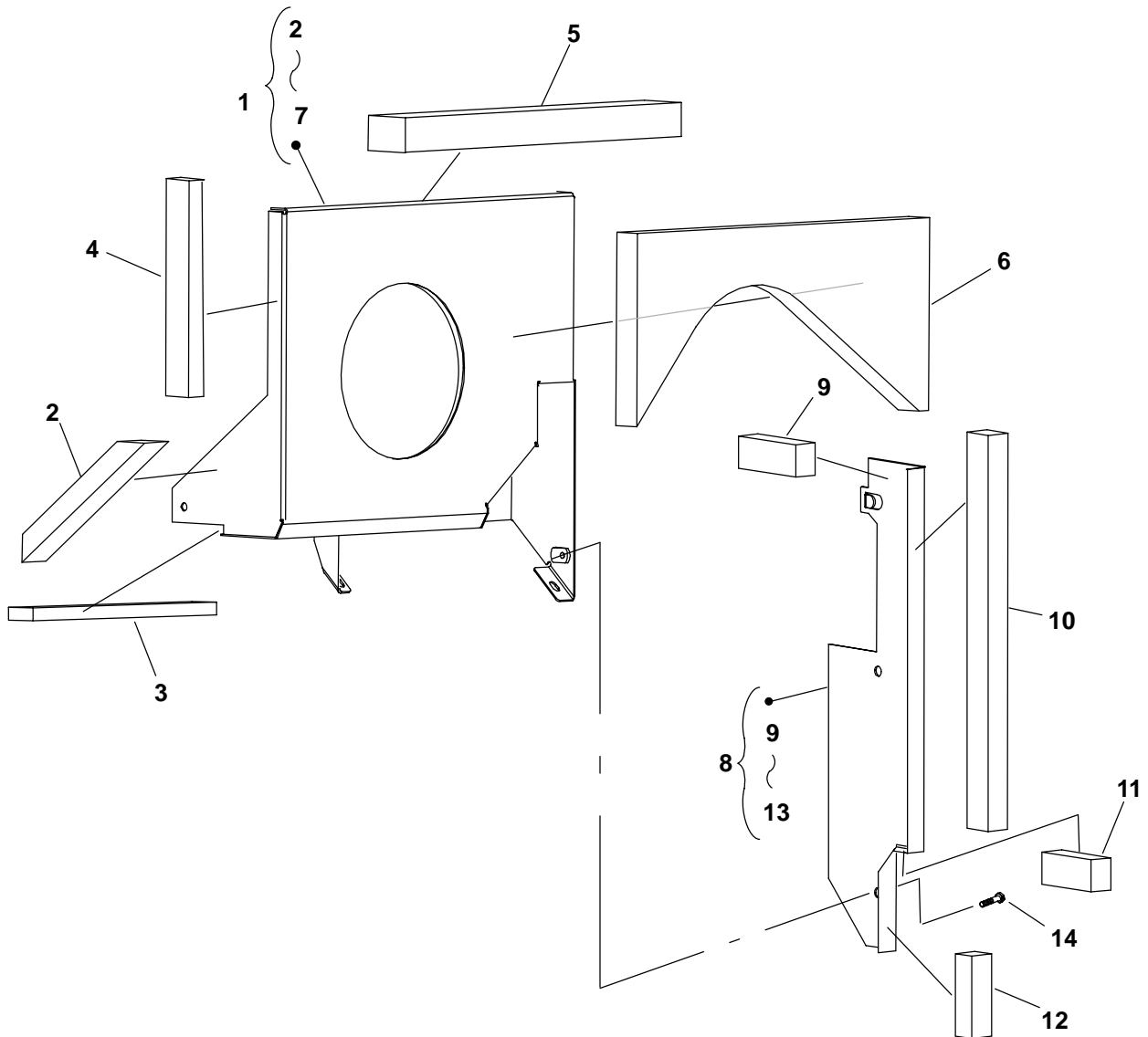
# **Inlet Baffle** **KV, KVD** **(LP)**



**Inlet Baffle  
KV, KVD  
(LP)**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Baffle, Inlet (Includes Elbow)	16	332-1420	1	Clamp Begin(KVD and KV Spec C)
	405-5828-02	1	KV				
	405-6973-03	1	KVD	17	508-0179	1	Bushing, Strain Relief
2	331-0521	1	Elbow, 90° Conduit	18	323-1507	1	Bushing, Strain Relief
3	823-0001-01	2	Screw, Pan Head (M3)	19	167-1636	1	Boot, Insulation (B+ Lead)
4	356-0070	1	Clamp, Capacitor Mount	20	502-1162	1	Connector, Barbed Hose
5	300-4329	1	PCB Assy, Capacitor	21	307-2961	1	Solenoid, Shutdown
6	812-0066	1	Screw, Round Head Machine (#6-32 x .75")	22	502-1133	1	Coupling, Anchor
7	860-0006	1	Nut, Hex (#6-32)	23	149-2524-01	1	Line, Fuel Inlet
8	405-5812	1	Gasket, Foam	24	502-1140	1	Elbow, Male (.25 x 90°)
9	508-1122	1	Grommet (KVD)	25			Clamp, Hose
10	870-2054	4	Nut, Hex Flange Lock (M6 x 1mm)		503-1133	2	Spec C
11	508-0293	1	Grommet		503-2309	2	Begin Spec L
12	868-0002	2	Nut, Hex (5/16-24)	26			Hose, Fuel Line (.375 ID x 25")
13	850-0045	2	Washer, Spring Lock (5/16")				KV
14	332-2897	2	Terminal		503-2004	1	Spec C
15	307-2586	1	Relay, Start Solenoid (K1)		503-2143-02	1	Begin Spec L
					503-2143-02	1	KVD

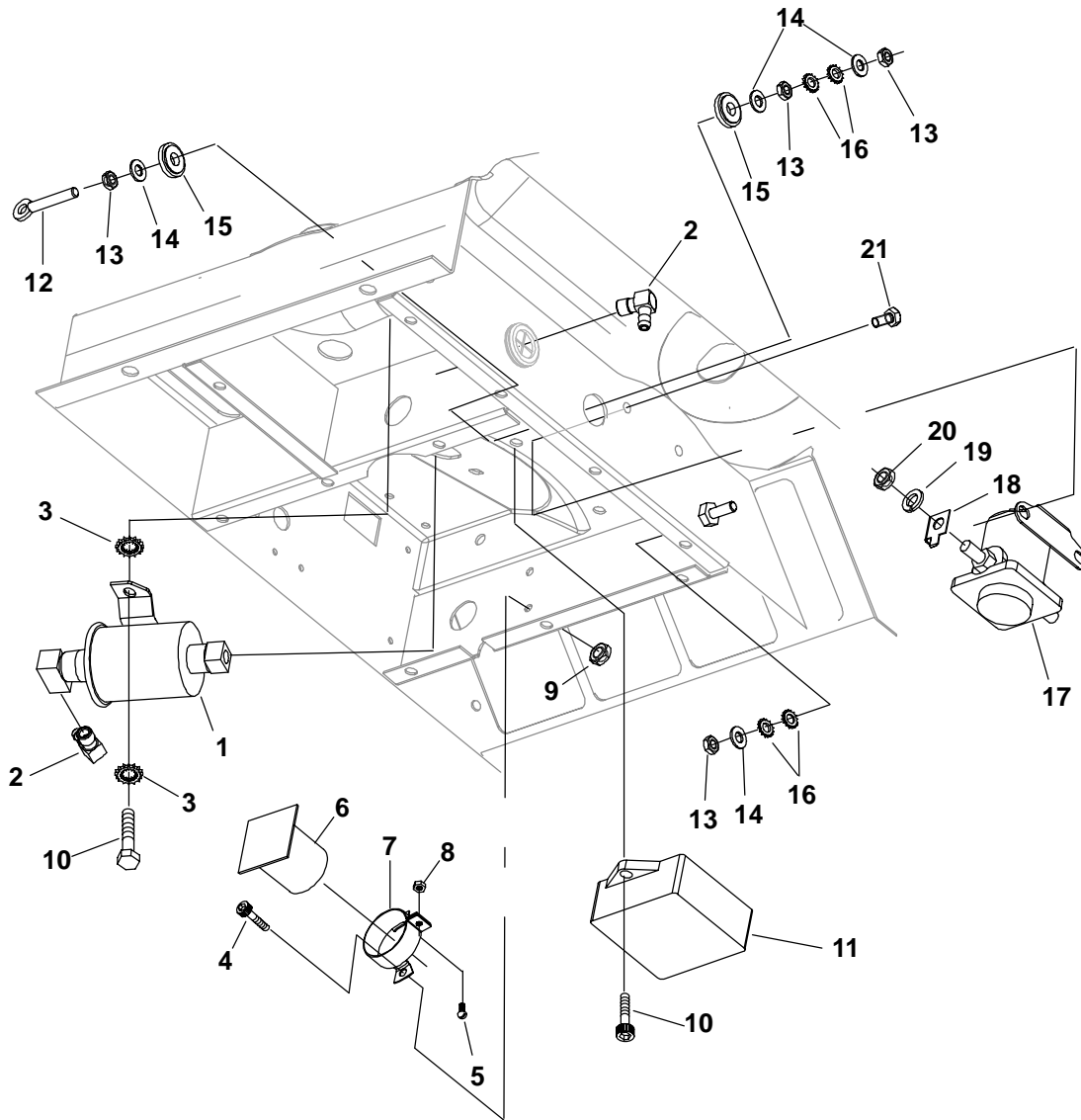
## Air Inlet Panel KVC



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-6451	1	Inlet Assy (Includes Parts Marked +)	10	405-6490-01	1	*Seal, Panel (312.5 x 25.4mm)
2	405-6454	1	+Seal, Air (187mm x 30mm)	11	405-6490-02	1	*Seal, Panel (59.2 x 25.4mm)
3	405-6509	1	+Seal, Air (25mm)	12	405-6490-03	1	*Seal, Panel (65 x 20mm)
4	405-6448-02	1	+Seal, Air (195.1mm x 30mm)	13	405-6481-02	1	Baffle, Seal
5	405-6448-01	1	+Seal, Air (347mm x 30mm)	14	821-6002-02	6	Screw, Lock Flange (M6 x 1 x 12mm)
6	405-6450	1	+Seal, Air (367mm x 170mm)				
7	405-6446-02	1	Baffle, Air				
8	405-6487	1	Panel Assy (Includes Parts Marked *)				
9	405-6486	1	*Seal, Panel (69 x 25.4mm)				

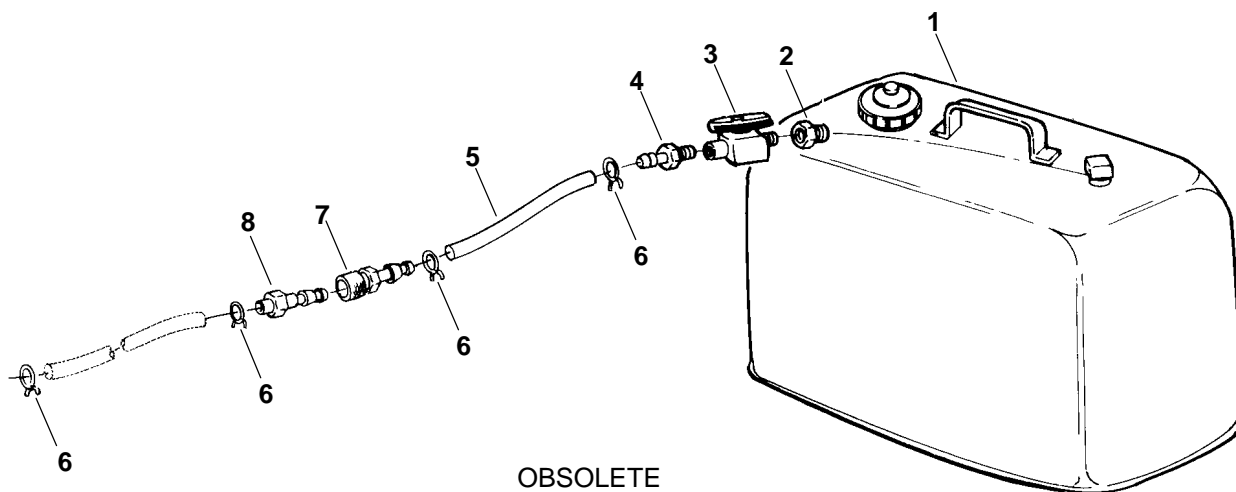
\* - Parts Included in Panel Assy.  
+ - Parts Included in Baffle Assy.

## Fuel Pump/Start Solenoid Relay KVC



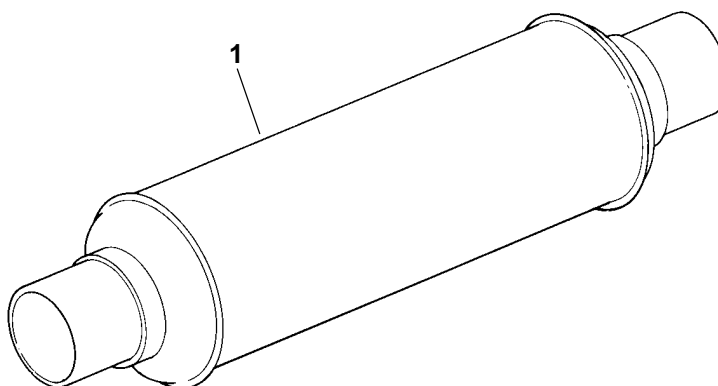
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	149-2331-03	1	Pump, Electric Fuel	11	305-0897	1	Regulator, Voltage
2	502-0313	2	Elbow, 90 Hose(.25 x .125 x 27")	12	520-1018-02	1	Stud, B+
3	856-0006	4	Washer, EIT (1/4")	13	864-0002	4	Nut, Hex Jam (5/16-18)
4	823-0002-04	2	Screw, Pan Head Torx (M4 x 0.7 x 12mm)	14	526-0115	4	Washer, Flat (5/16")
5	812-0066	1	Screw, Slotted Head (6.32 x .75)	15	508-0332	2	Washer, Phenolic
6	300-4329	1	PCB Assy, Capacitor	16	853-0016	4	Washer, EIT Lock
7	356-0070	1	Clamp, Capacitor Mounting	17	307-2570	1	Relay, Start Solenoid
8	860-0006	1	Nut, Hex (#6-32)	18	332-2897	2	Terminal
9	860-2005	2	Nut (M4 x 0.7mm)	19	850-0045	2	Washer, Spring Lock (5/16")
10	823-0003-05	4	Screw, Pan Head Torx Thread Form (M6 x 1 x 14mm)	20	868-0002	2	Nut, Hex (5/16-24)
				21	821-0010	2	Screw, Lock Head (1/4-20 x 1/2")

## Fuel Tank Kit KV



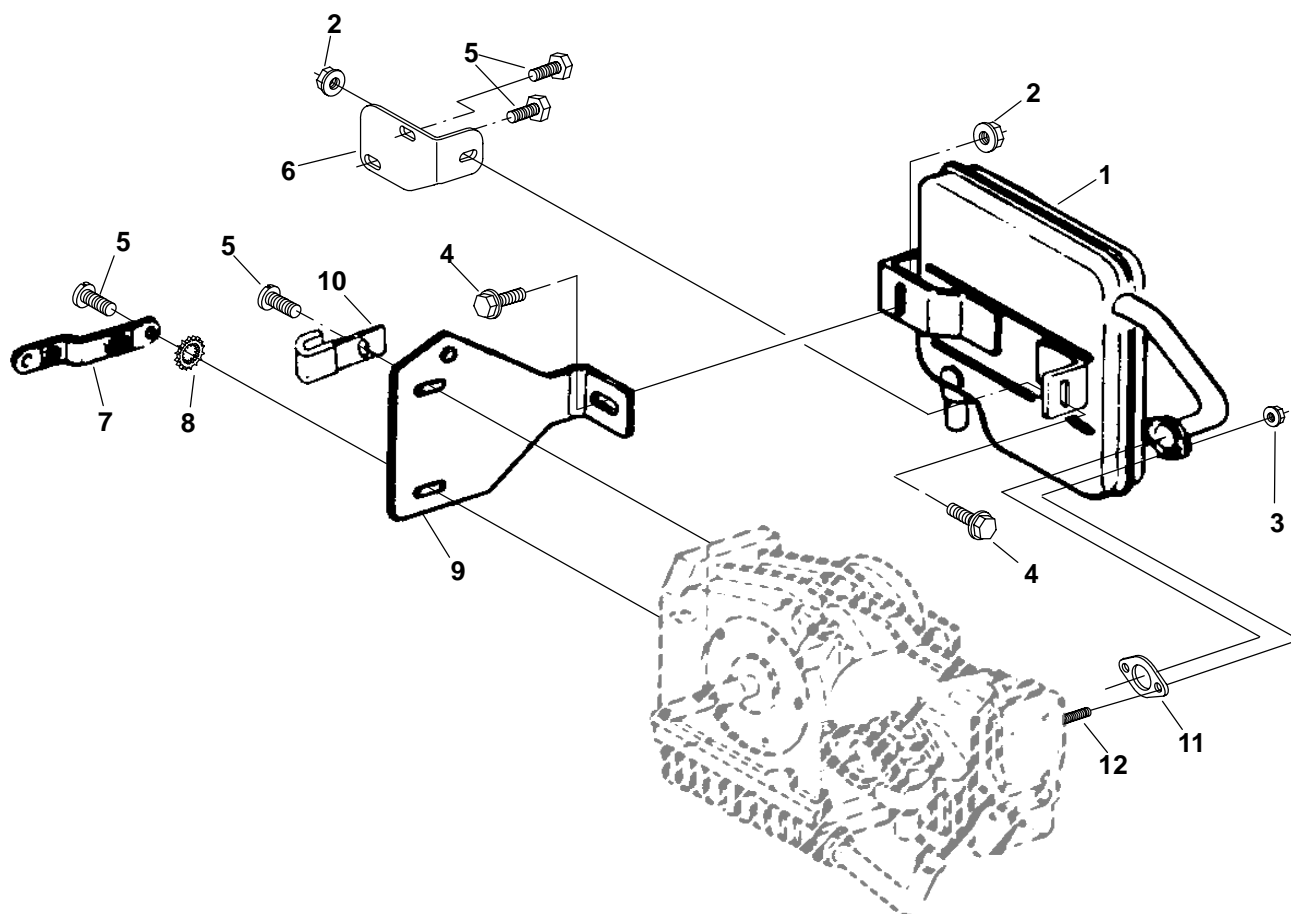
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	415-0511	1	Tank, Fuel (6 Gallon)	6	503-0731	4	Clamp, Hose
2	505-0007	1	Bushing, Reducer (1/4" x 1/8")	7	502-0397	1	Coupling, Quick Disconnect Female
3	504-0169	1	Valve, Shutoff (1/8")	8	502-0398	1	Coupling, Quick Disconnect Male
4	502-0395	1	Connector, Barbed Hose (1/8")				
5	503-1199	1	Hose, Fuel (1/4" ID x 14")				

## Resonator KV



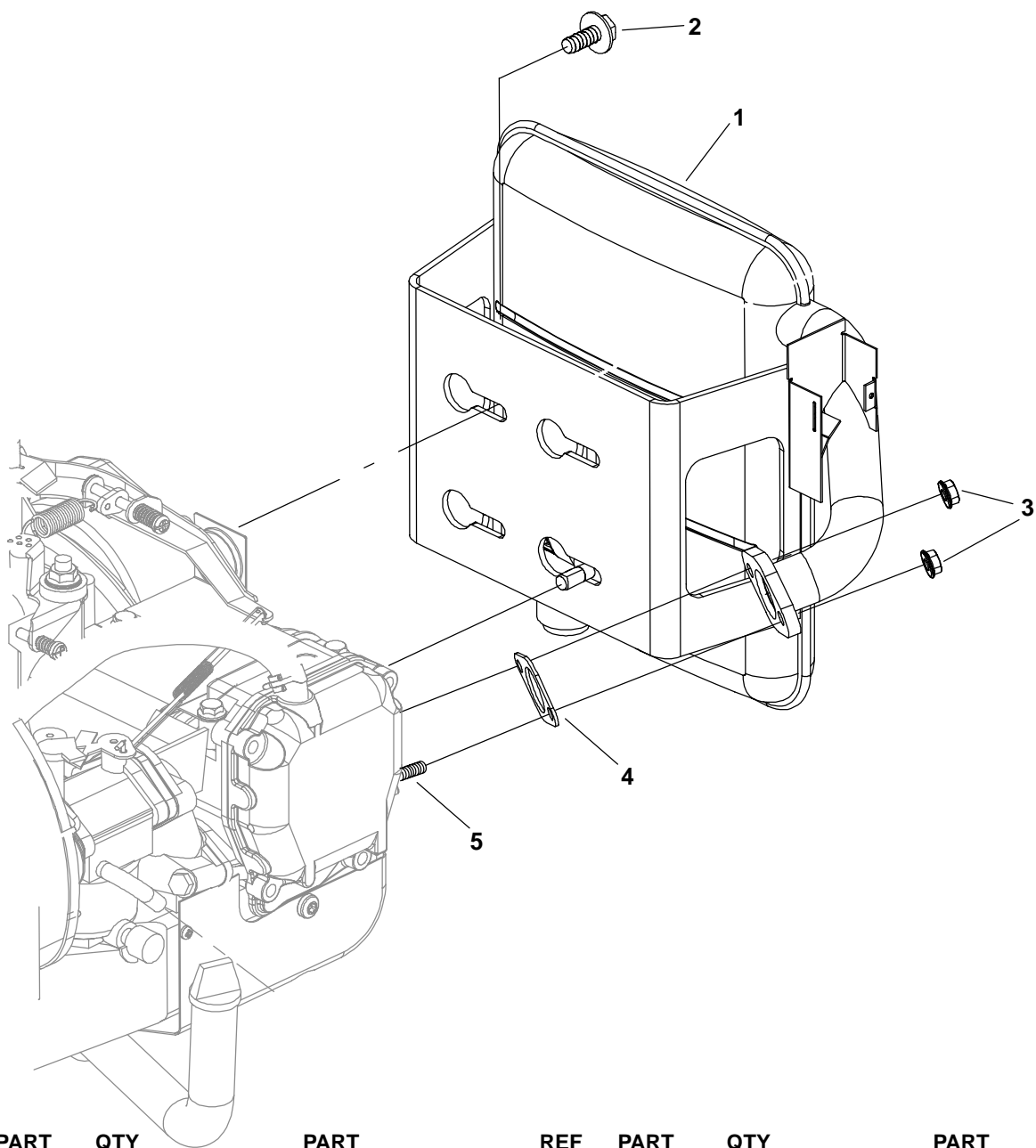
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2449	1	Resonator, Exhaust

## Muffler (KV Spec A-G)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-3436-01	1	Muffler LP	6	155-2301-02	1	Bracket, Muffler
	155-3436-02	1	Gasoline (Includes Choke Housing)	7	337-0049	1	Strap, Ground
2	870-2055	2	Nut, Hex Flange Locking (M8)	8	856-0008	1	Washer, EIT Lock (5/16")
3	870-2054	2	Nut	9	155-2233-02	1	Bracket, Muffler
4	821-2045	2	Screw, Lock Flange (M8 x 1-1/4 x 16mm)	10	332-2634	1	Clamp, "J" (LPG Units Only)
5	815-0709-01	4	Screw, Hex Head Thread Forming (M8 x 18mm)	11	155-2953	1	Gasket, Muffler
				12	185-5098	2	Stud, Muffler Mounting

## Muffler (KV Begin Spec H)

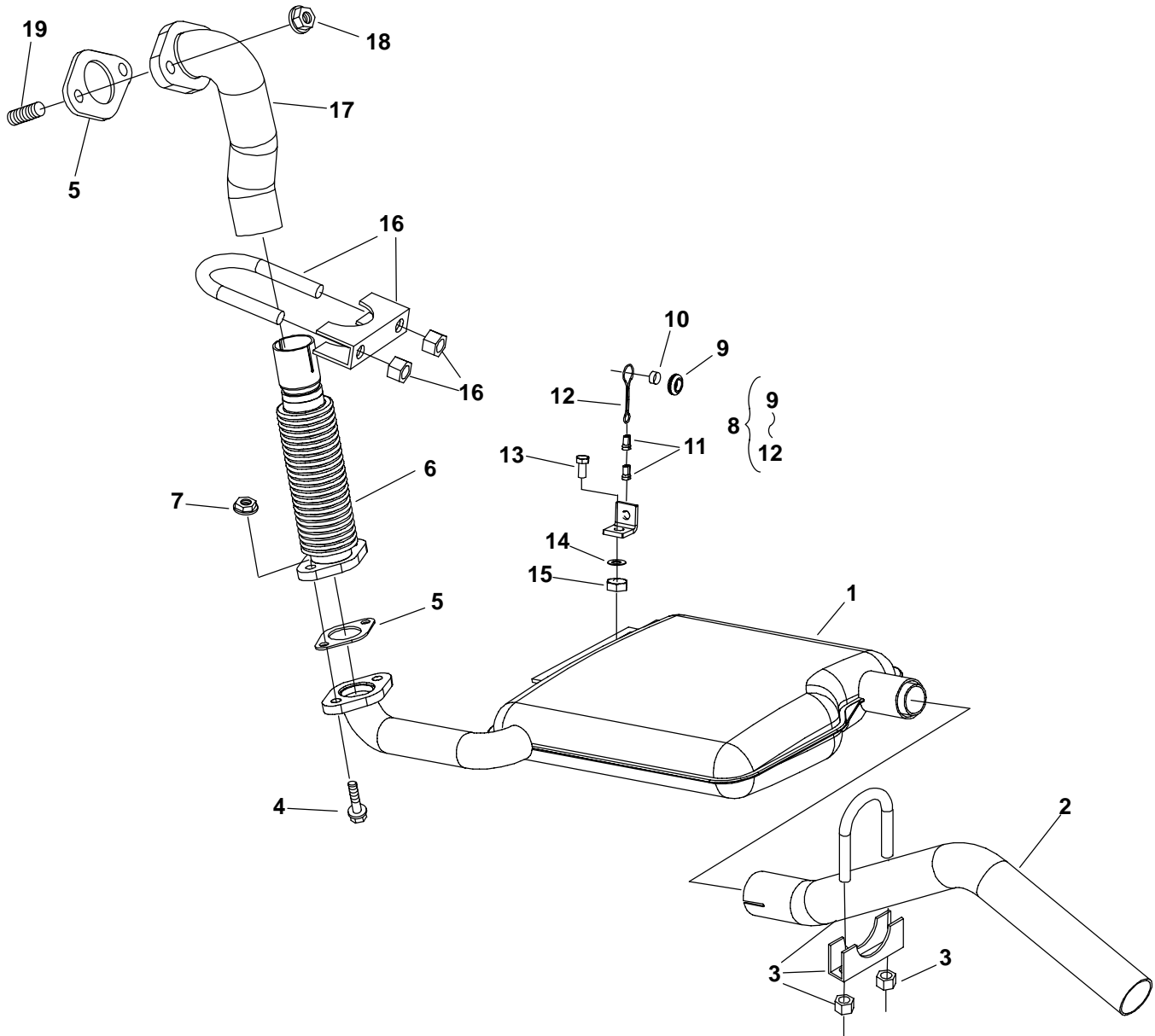


REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Kit, Muffler Exhaust
	155-3436-01	1	LP
	155-3436-02	1	Gasoline
			Muffler (Includes Choke Housing)
	155-3435-01	1	LP
	155-3435-02	1	Gasoline

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	815-0508	4	Screw, Hex Head Thread Form (5/16-18 x .75")
3	870-2054	2	Nut Supplied with Engine
4	155-2953	1	Gasket, Muffler (Included with Engine)
5	185-5098	2	Stud, Muffler Mounting

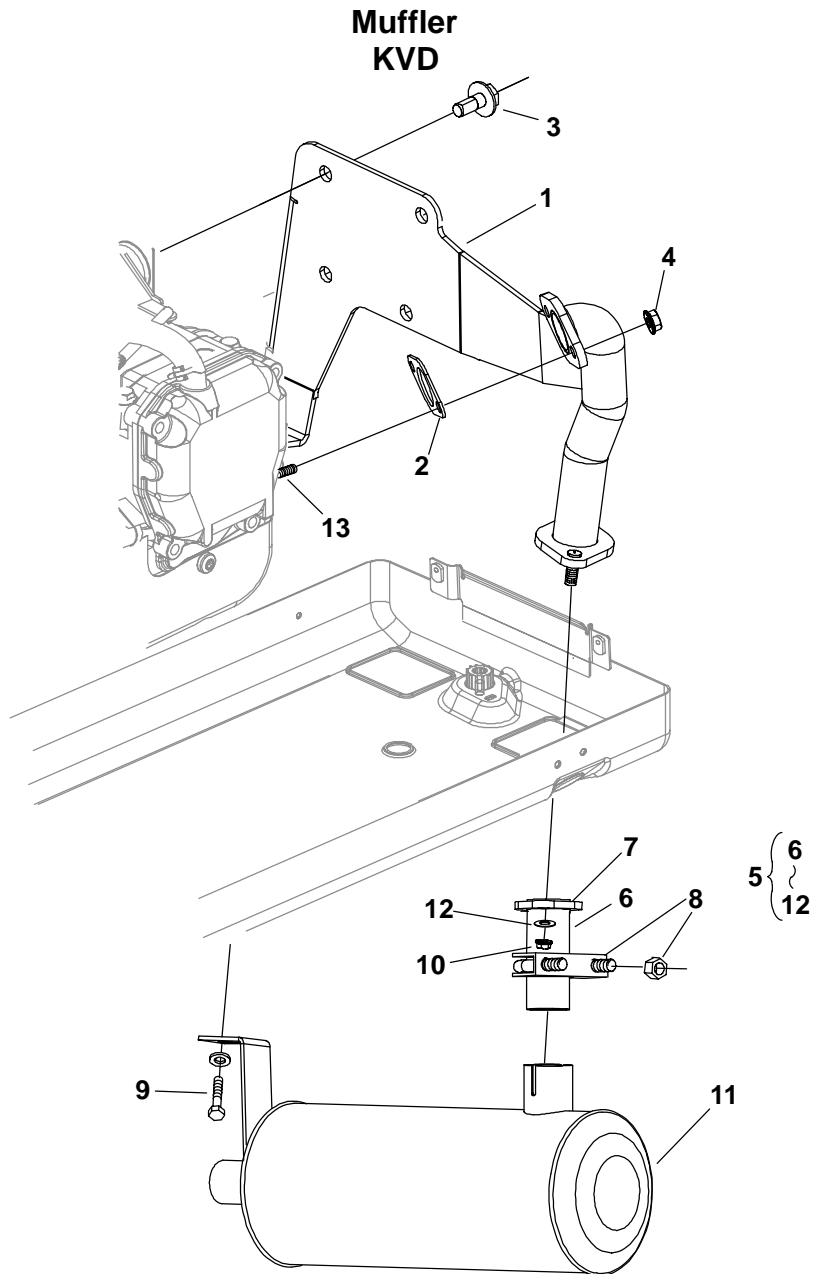


## Muffler KVC



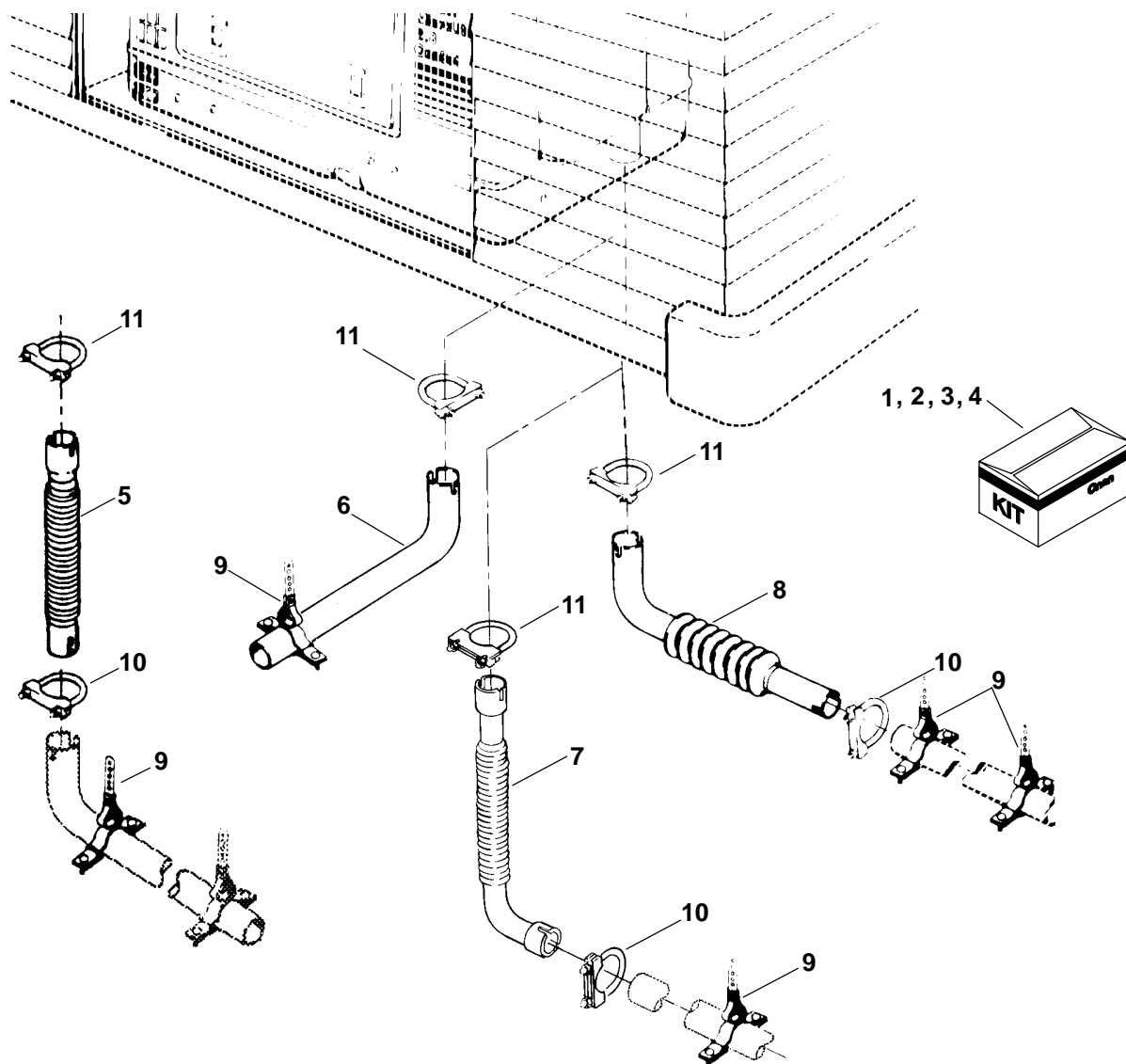
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-3314	1	Muffler, Exhaust	11	880-0539	2	*Ferrule, Wire Rope
2	155-3315	1	Tube, Exhaust	12	880-0538	1	*Rope, Wire (150mm)
3	155-1256	2	Clamp, Muffler (Includes Clamp, "U" Bolt and Nuts)	13	718-1036	1	Screw, Hex Head Cap (M8 x 1.25)
4	800-2034	2	Screw, Hex Head Cap (M6 x 1 x 20mm)	14	526-2100	1	Washer, Flat (M8)
5	155-2953	1	Gasket, Muffler	15	750-1006	1	Nut, Hex (M8 x 1.25)
6	155-3313	1	Tube, Flex Exhaust	16	155-1256	1	Clamp, Muffler (Includes Clamp, "U" Bolt and Nuts)
7	870-2054	2	Nut, Lock Flange	17	155-3312	1	Tube, Exhaust
8	155-3342-02	1	Bracket, Muffler Hanger (Includes Parts Marked*)	18	870-2054	2	Nut, Lock Flange
9	508-0068	1	*Grommet, Rubber Obsolete	19	185-5098	2	Stud, Muffler Mounting
10	370-0116-02	1	*Spacer, Muffler Hanger Obsolete				

\* - Parts Included in Hanger, Not Sold Separate.



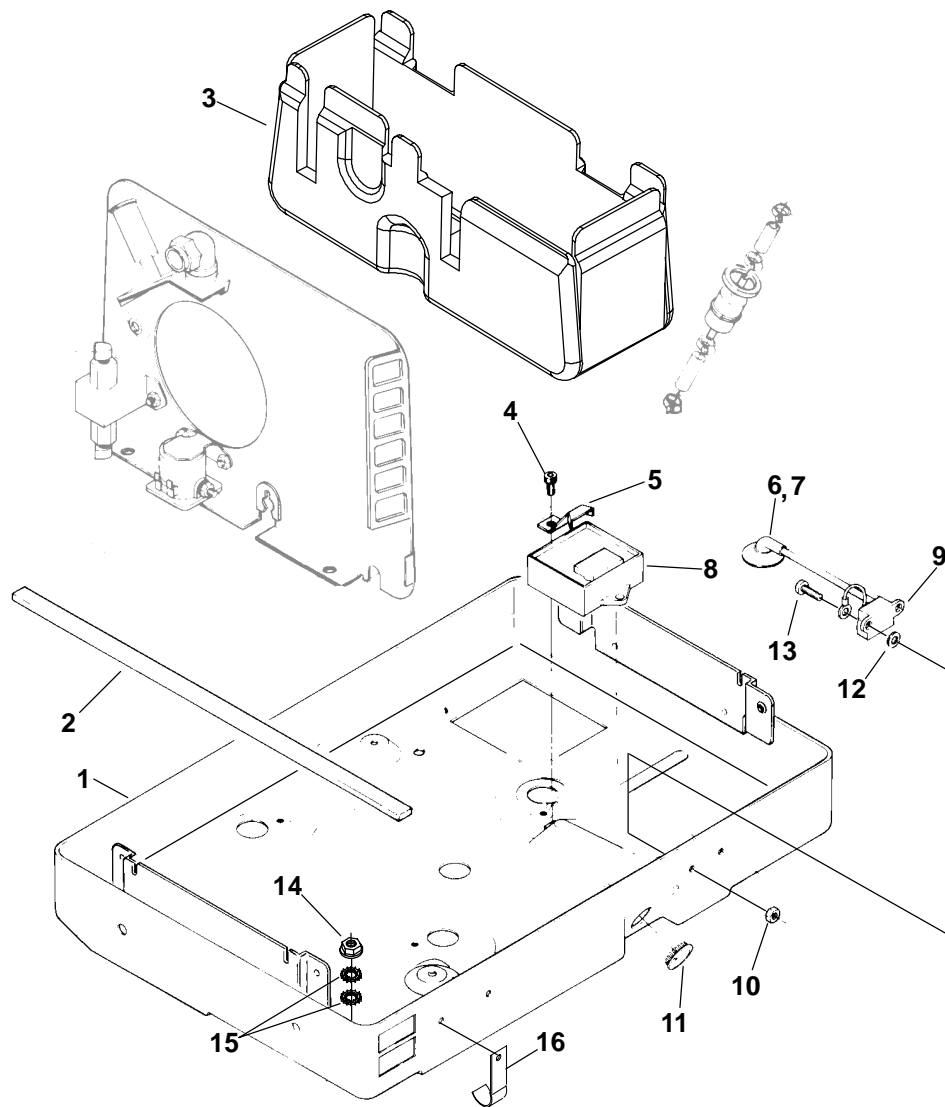
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-3557-02	1	Bracket, Muffler	9	821-0016	1	*Screw, (5/16-18 x 3/4)
2	155-2953	1	Gasket, Muffler	10	870-0212	2	*Nut, Flanged
3	815-0508	4	Screw, Hex Washer Head Thread Form (5/16-18 x .75")	11	155-3539	1	*Muffler
4	870-2054	2	Nut Supplied w/Engine	12	526-0029	3	*Washer, #10
5	541-0618	1	Kit, Muffler (Includes Parts Marked *)	13	185-5098	2	Stud, Muffler Mounting
6	155-3562	1	*Pipe, Exhaust	* - Parts Included in Muffler Kit			
7	154-2746	1	*Gasket, Exhaust				
8	155-1256	1	*Clamp, Muffler (Includes Clamp, "U" Bolt and Nuts)				

## Exhaust Kit KV



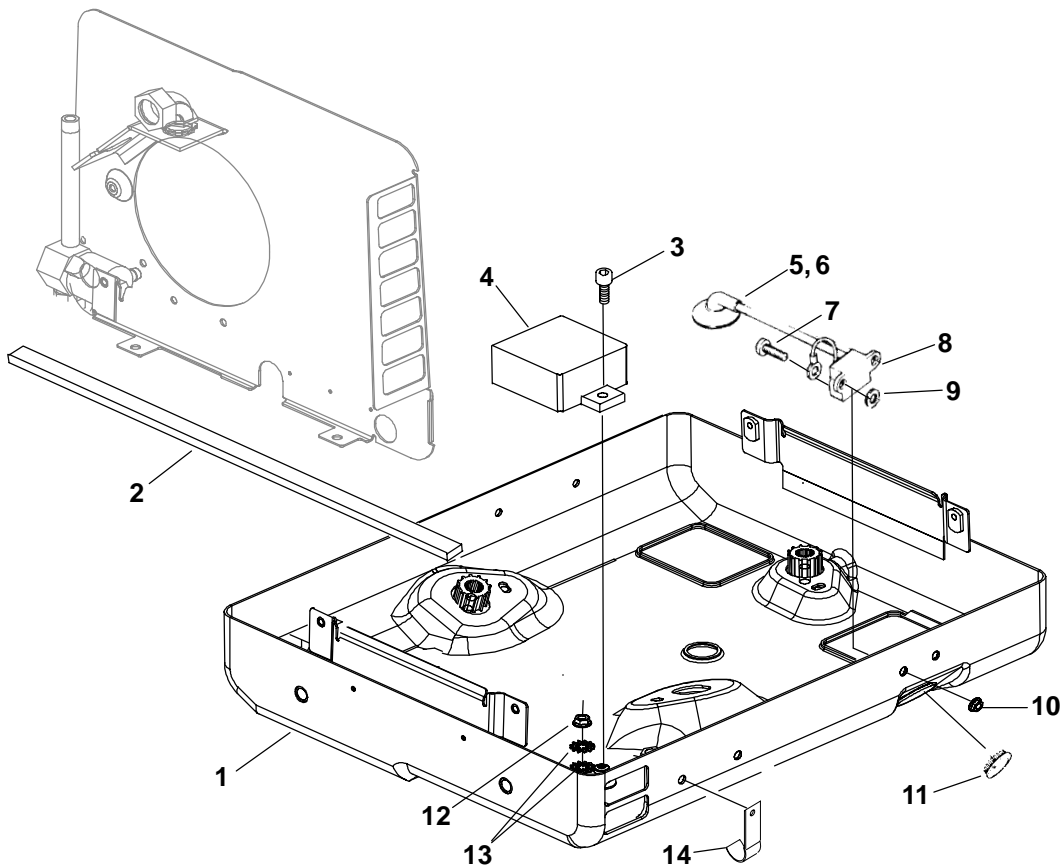
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	155-2325	1	Kit, Exhaust Tubing (Includes Parts Marked *)	8	155-2322	1	#Tube, Exhaust (356mm)
2	155-2324	1	Kit, Exhaust Tubing (Flexible) (Includes Parts Marked #)	9	155-2174	2 +~#	Hanger, Tailpipe (Included in all Kits Listed)
3	155-2771	1	Kit, Exhaust Tubing (Flexible) (Includes Parts Marked ~)	10	155-1239	1 +~#	Clamp (Marked 1-1/2")
4	155-2425	1	Kit, Vertical Exhaust Tubing Extension (Includes Parts Marked +)	11	155-1256	1 +~#	Clamp (Marked 1-1/8") (Included in all Kits Listed)
5	155-2772	1	~Tube, Straight Exhaust (300mm)	* - Parts Included in 155-2325 Exhaust Tubing Kit. # - Parts Included in 155-2324 Flexible Exhaust Tubing Kit. ~ - Parts Included in 155-2771 Flexible Exhaust Tubing Kit. + - Parts Included in 155-2425 Vertical Exhaust Tubing Extension Kit.			
6	155-2323	1	*Tube, Exhaust (635mm)				
7	155-2665	1	+Tube, Exhaust (242mm)				

## Mounting Base KV



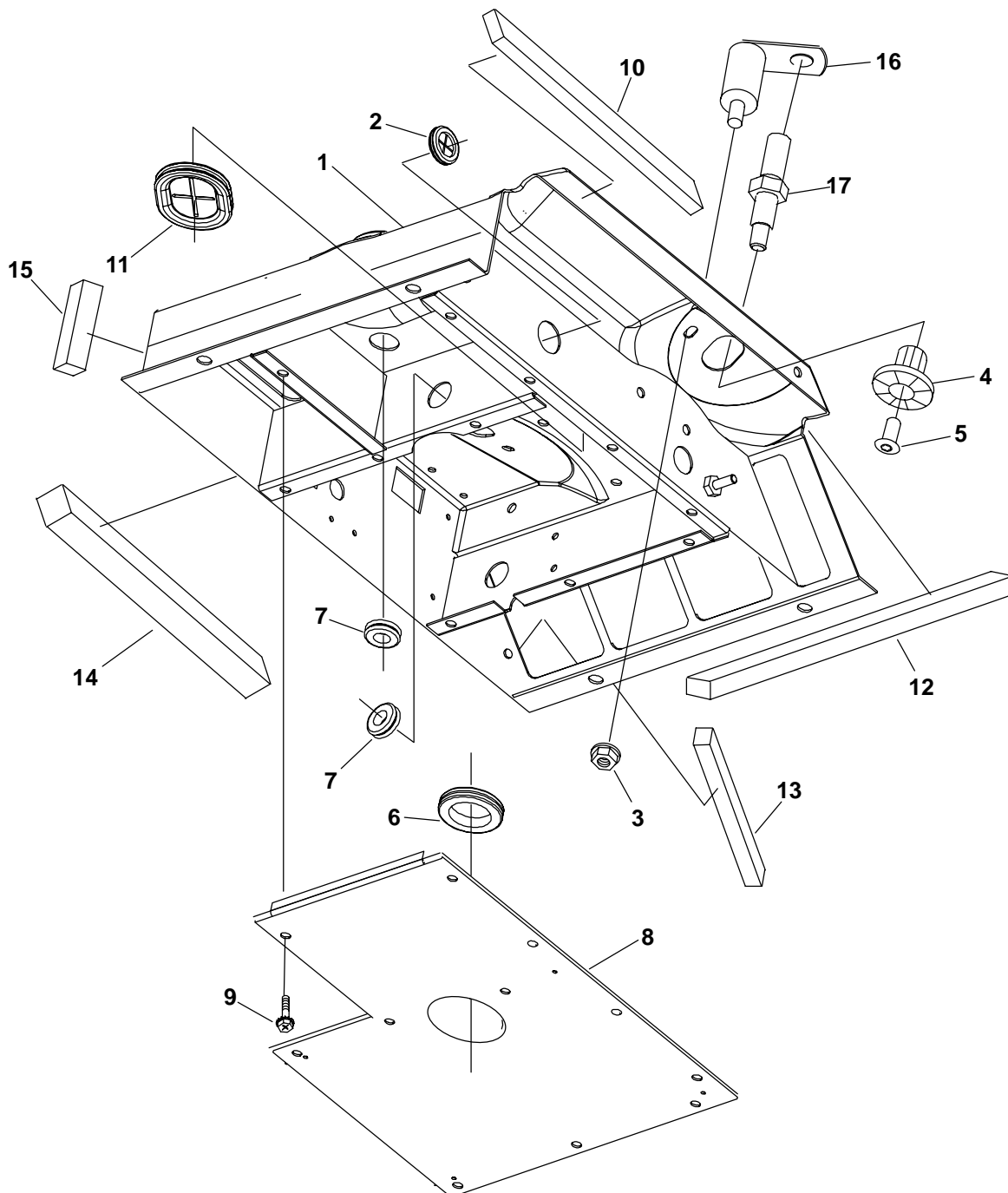
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Base, Housing	9	166-0784-S0	1	Coil, Ignition (T1) (Includes Lead, Cap, and Boot)
	405-3794	1	Spec A	10	860-2005	2	Nut, Hex (M4)
	405-4323-02	1	Spec B	11	517-0254	1	Plug, Spark Plug Access Hole
	405-4423-02	1	Begin Spec C	12	856-0002	2	Washer, EIT Lock (#8)
2	895-0305-04	1	Gasket (504mm x 6mm x 10mm)	13	823-1001-04	2	Screw, Pan Head Socket Drive (M4 x 12mm)
3	405-3797	1	Insulation, Lower Exhaust Baffle	14	870-2054	1	Nut, Locking Hex Flange (M6)
4	823-1002-01	2	Screw, Pan Head Socket	15	856-0006	2	Washer, EIT (1/4")
5	305-0767-02	1	Clamp, Regulator	16	518-0728	2	Clip (Begin Spec L)
6	167-0267	1	Terminal, Spark Plug				
7	167-0265	1	Boot, Spark Plug				
8			Regulator, Voltage Spec A, B				
	305-0830-02	1	50 Hz				
	305-0852	1	60 Hz				
	305-0897	1	Begin Spec C				

## Mounting Base KVD



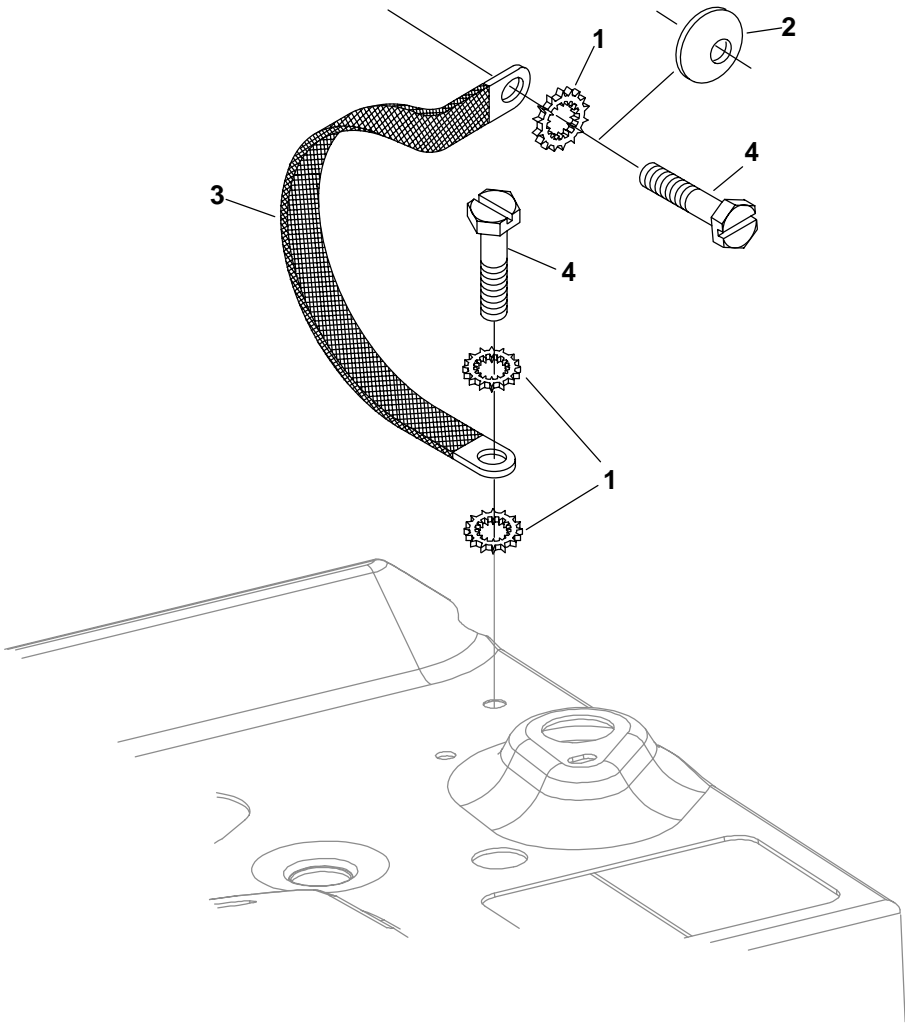
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-6938-02	1	Base, Housing	8	166-0784-S0	1	Coil, Ignition (T1)(Includes Lead, Cap, and Boot)
2	895-0305-04	1	Gasket Foam (504mm x 6mm x 10mm)	9	856-0002	2	Washer, EIT Lock (#8)
3	823-1002-01	1	Screw, Pan Head Torx (M6 x 1 x 12mm)	10	860-2005	2	Nut, Hex (M4)
4	305-0897		Regulator, Micro Voltage	11	517-0254	1	Plug, Spark Plug Access Hole
5	167-0267	1	Terminal, Spark Plug	12	870-2054	7	Nut, Locking Hex Flange (M6 x 1mm)
6	167-0265	1	Boot, Spark Plug	13	856-0006	2	Washer, EIT Lock (1/4")
7	823-0002-06	2	Screw, Pan Head Torx (M4 x 0.7 x 18mm)	14	518-0728	2	Clip (Begin Spec B)

## Mounting Base KVC



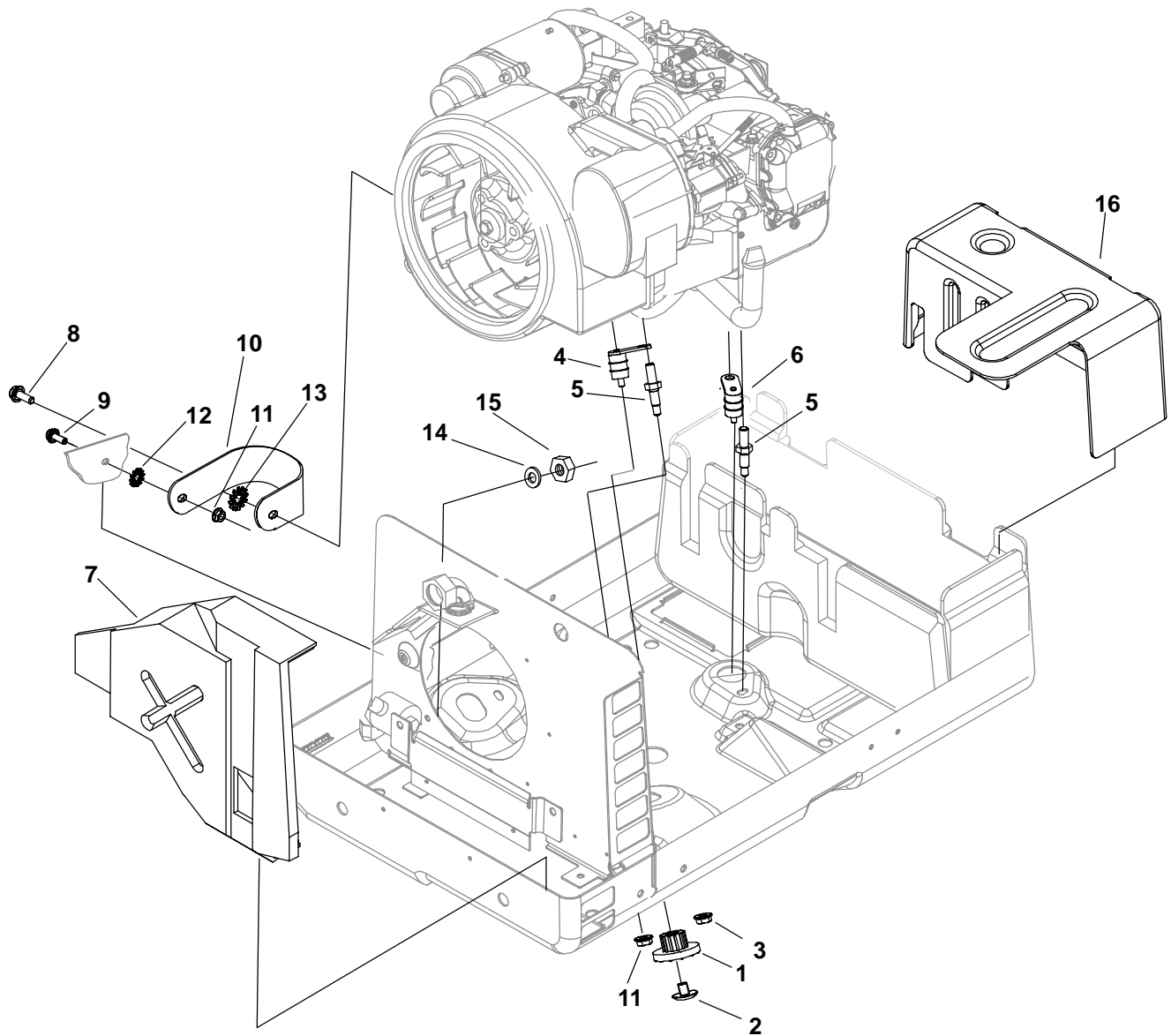
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-6444-02	1	Base, Housing	10	405-6489	1	Seal, Pan (293.5mm)
2	508-1122	1	Grommet (19mm ID)	11	508-1116	1	Grommet, Oval
3	870-2054	3	Nut, Hex Flange Locking (M6)	12	405-6485	1	Seal, Pan (338.2mm)
4	402-0547	3	Isolator, Vibration	13	405-6510	1	Seal, Pan (98mm)
5	870-2156	3	Nut, Pan Head with Internal Thread (M8 x 1.25 x 11.50mm)	14	405-6494	1	Seal, Frame (434.3mm)
6	508-0258	1	Grommet (1-1/4" ID)	15	405-6507	1	Seal, Air (110mm)
7	508-0008	2	Grommet (1/2" ID)	16	402-0601-02	2	Isolator, Vibration With Yellow Dot (Generator End)
8	405-6447-02	1	Cover, Base		402-0601-01	1	With Blue Dot (Engine End)
9	821-6002-02	11	Screw, Hex Head Sems (M6 x 1 x 12mm)	17	520-2210	3	Stud, Mounting

# Ground Strap KVC



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	856-0008	3	Washer, EIT Lock (5/16")	3	337-0049	1	Strap, Ground
2	526-0432	1	Washer, Spring Conical (Spec A Only)	4	815-0709-01	2	Screw, Hex Head Thread Form (M8 x 1.25 x 18mm)

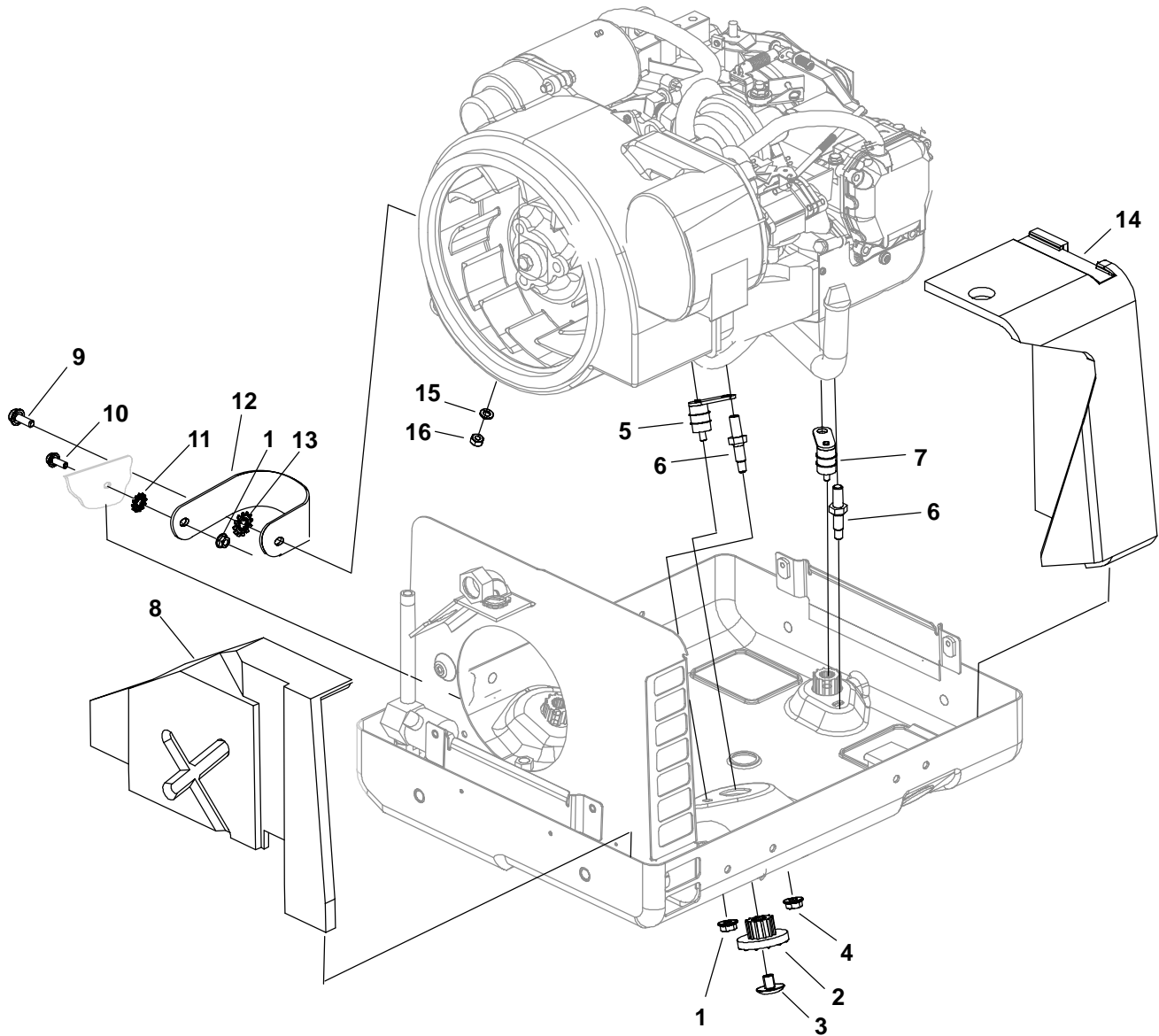
## Base Mounting KV



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	402-0547	3	Isolator, Vibration	10	337-0049	1	Strap, Bond
2	870-2156	3	Nut, Pan Head with Internal Thread (M8 x 11.50mm)	11	870-2054	4	Nut, Hex Flange Locking (M6) Spec A
3	870-0212	1	Nut, Hex Flange Locking (1/4-20) Spec A		870-2054	6	Spec B
4	402-0601-02	2	Isolator, Generator Mount Vibration (With Yellow Dot)		870-2054	7	Spec C
5	520-2210	3	Stud, Generator Mounting	12	856-0006	1	Washer, EIT Lock (1/4")
6	402-0601-01	1	Isolator, Engine Mount Vibration (With Blue Dot)	13	856-0008	1	Washer, EIT (5/16)
7	405-3816	1	Insulation, Inlet Baffle	14	740-1004	1	Washer, Flat (M6) (K3 Relay Mounting)
8	815-0508	1	Screw, Thread Form (5/16-18 x .75)	15	750-1004	1	Nut, Hex (M6) (K3 Relay Mounting)
9	821-2033	1	Screw, Hex Washer Head Locking (M6 x 10mm)	16	405-3796	1	Insulation, Exhaust Baffle (Upper)

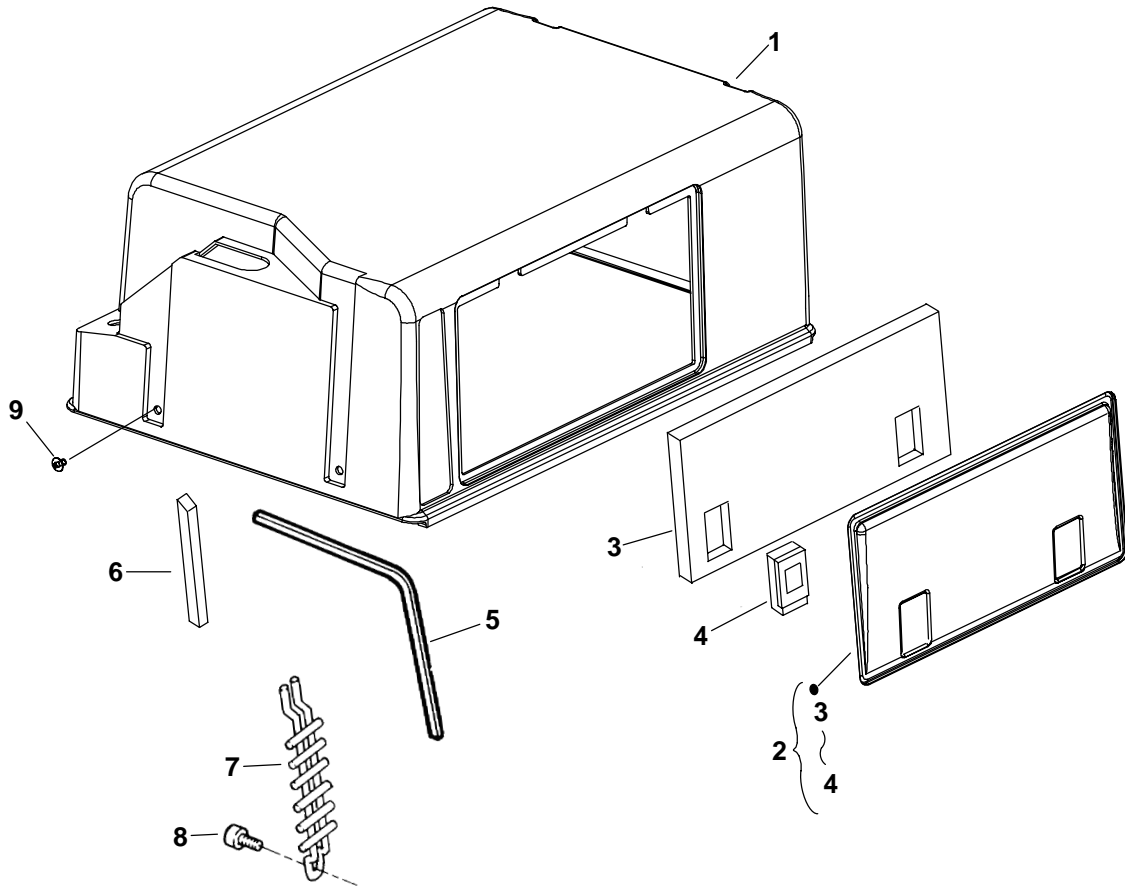


## Base Mounting KVD



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	870-2054	3	Nut, Hex Flange Locking (M6)	8	405-6982	1	Insulation, Inlet Baffle (Inlet)
2	402-0547	3	Isolator, Vibration	9	815-0508	1	Screw, Thread Form (5/16-18 x .75")
3	870-2156	3	Nut, Pan Head with Internal Thread (M8 x 11.50mm)	10	821-2033	1	Screw, Hex Washer Head Lock Flange (M6 x 10mm)
4	870-0212	1	Nut, Hex Flange Locking (1/4-20)	11	856-0006	1	Washer, EIT Lock (1/4")
5	402-0601-02	2	Isolator, Generator Mount Vibration (With Yellow Dot)	12	337-0049	1	Strap, Bond
6	520-2210	3	Stud, Generator Mounting	13	856-0008	1	Washer, EIT (5/16)
7	402-0601-01	1	Isolator, Engine Mount Vibration (With Blue Dot)	14	155-3541	1	Insulation, Exhaust
				15	850-0040	1	Washer, Split Lock (1/4")
				16	862-0001	1	Nut, Hex (1/4-20)

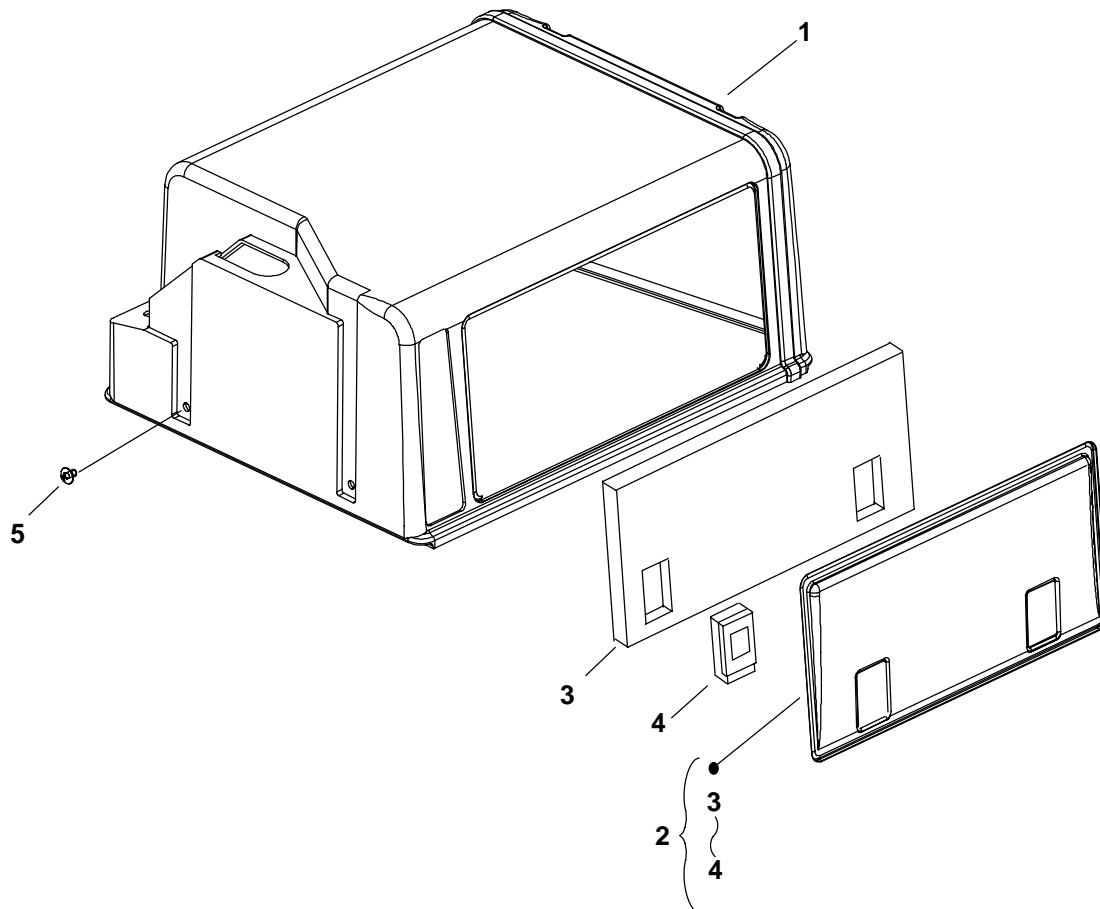
## Housing Cover KV



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Cover, Housing
	405-4328	1	Spec A
	405-4326	1	Begin Spec B
2	405-3790-S0	1	Panel, Service( Includes Gasket and Latch)
3	405-3784	1	Gasket
4	406-0612	2	Latch
5	895-0305-02	1	Gasket, Foam (Spec A) Obsolete (395mm x 7.9mm x 4.8mm)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	895-0305-01	1	Gasket, Foam (Spec A) (90mm x 7.9mm x 4.8mm) Obsolete
7	405-3789	1	Guard, Air Inlet (Spec A)
8	815-0675	1	Screw, Thread Cutting Socket Drive (Spec A) (#8-16 x 12.3mm)
9	815-0685	4	Screw, Truss Head (M6 x 8mm)

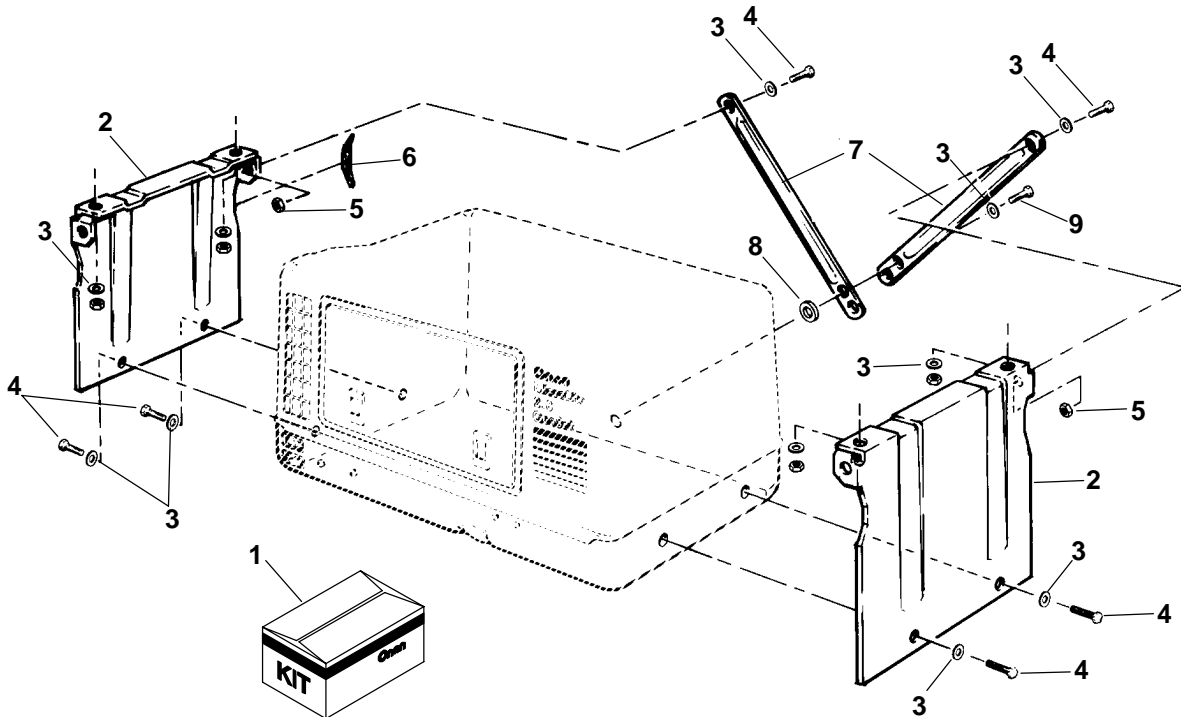
## Housing Cover KVD



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	405-6956	1	Cover, Housing	3	405-3784	1	Gasket
2	405-3790-S0	1	Panel, Service (Includes Gasket and Latch)	4	406-0612	2	Latch
				5	815-0685	4	Screw, Truss Head (M6 x 8mm)



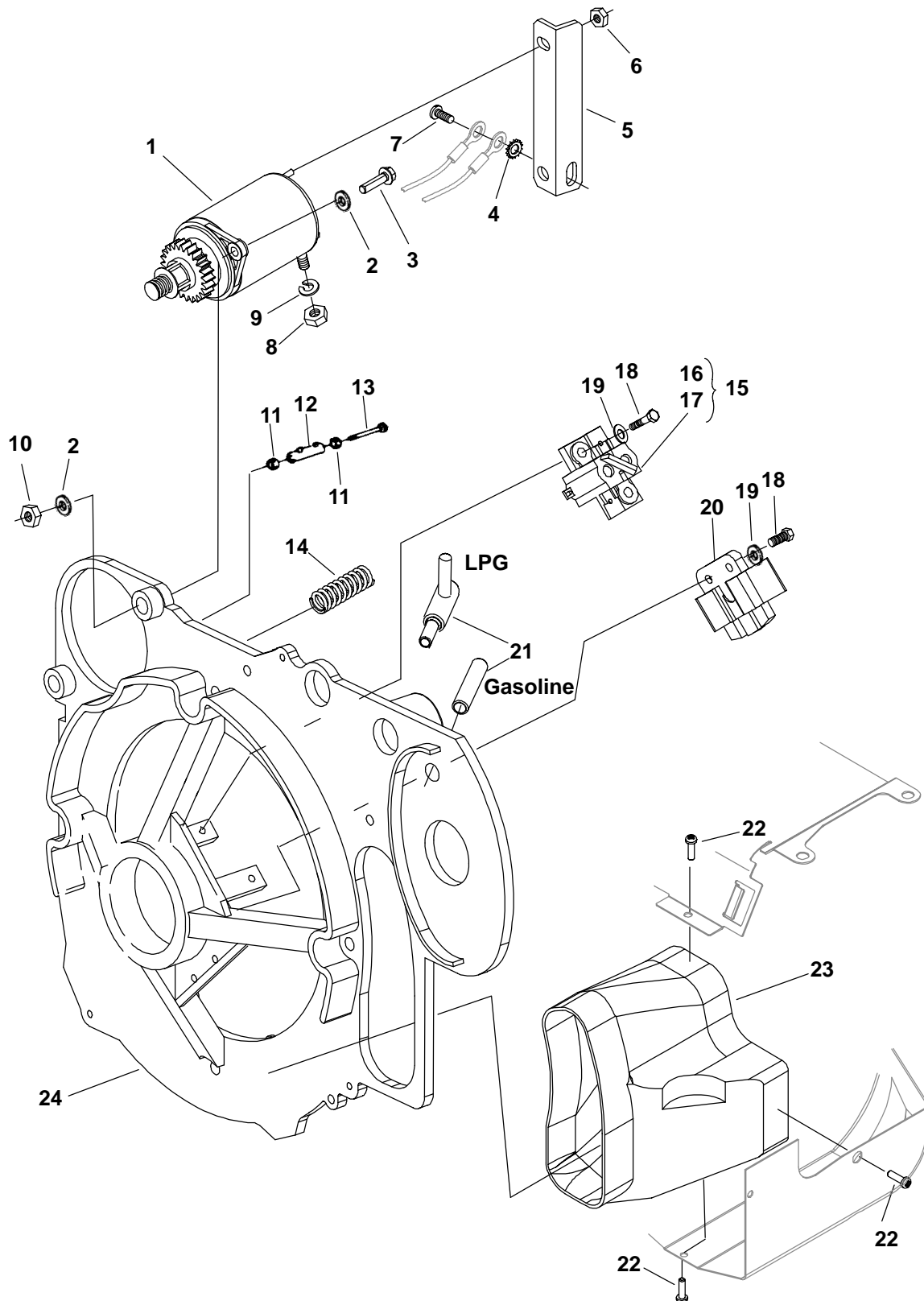
## Underfloor Mounting Kit KV, KVD



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Kit, Underfloor Mounting (Includes all Parts Listed)
	403-2689	1	KV
	541-0661	1	KVD
2	403-2679-02	2	Bracket
3	526-0174	11	Washer, Flat (3/8")
4	800-0048	6	Screw, Hex Head Cap (3/8-16 x 3/4")
5	870-0281	2	Nut, Locking Head Flange (3/8-16)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
6	508-1047	1	Edging
7			Brace, Generator
	403-2680-02	2	KV
	403-4668-02	2	KVD
8	526-0077	1	Washer, Flat (3/8")
9	800-0050	1	Screw, Hex Head Cap (3/8-16 x 1")

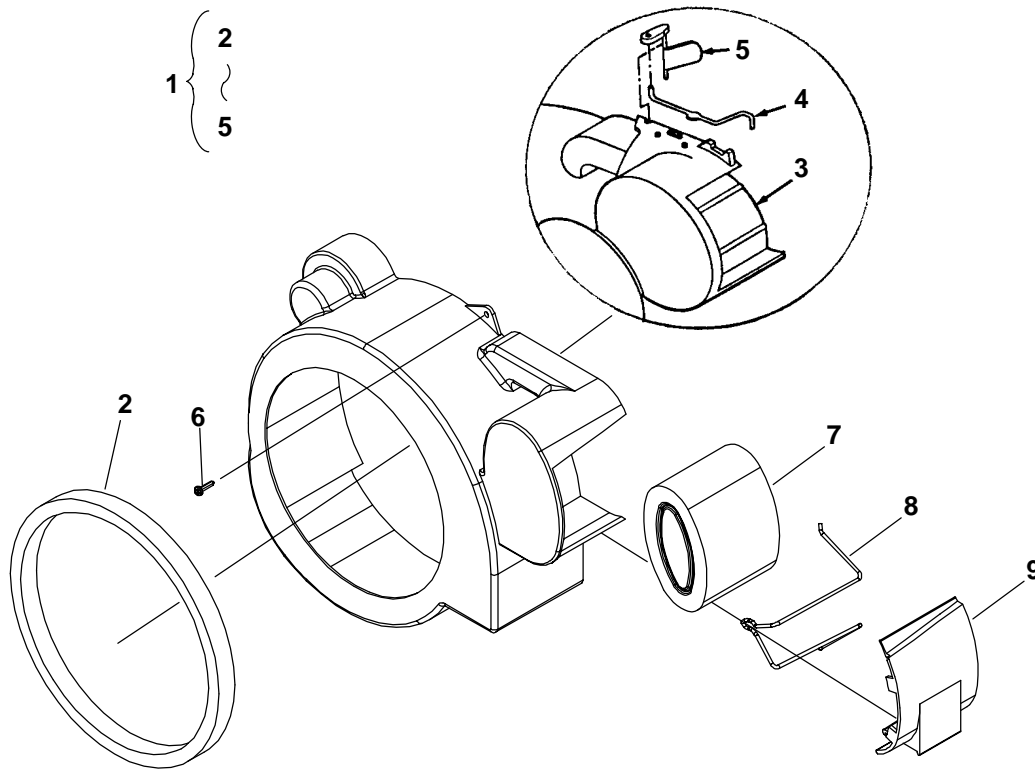
# Endbell



## Endbell

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Starter (B1) (See Separate Page for Components)	16	212-1276-03	2	Spring
	191-1798	1	KV Spec A-J and KVC Spec A-B	17	214-0103	2	Brush
	191-2312	1	KV Begin Spec K, KVC Begin Spec C and KVD Begin A	18	823-0002-09	4	Screw, Pan Head (M4 x 16mm)
	191-2351	1	Supercede 191-1798 and 191-2312	19	526-0003	2	Washer, Flat (3/16")
2			Washer, Flat (M8)	20	160-1358-S0	1	Magneto
	740-1006	4	KVD Spec A-G	21			Tube, Endbell
	740-1006	2	KVC, KVD and KV, Spec H-K		232-4008	1	KV Spec A-K , KVC Spec A-B KVD Spec A (Gasoline)
3	815-0781	2	Screw, Hex Head Washer (M8 x 1.25 x 30mm)		505-2119	1	KV FR11540 FR26119 FA26120 Begin Spec L and KVD 2089, 3730 Begin Spec B (LP)
4	853-0013	1	Washer, ET Lock (1/4")	22	815-0888	3	Screw, Phillips Head (#6-20 x 1/2")
5	191-1825-02	1	Bracket, Starter	23	134-4637	1	Duct, Air
6	870-0236	1	Nut, Lock (#10-32)	24			Endbell
7	823-0003-03	1	Screw, Pan Head (M6 x 1 x 20mm)				KV
8	862-0001	1	Nut, Hex (1/4-20)		211-0408	1	Spec A,B
9	850-0040	1	Washer, Spring Lock (1/4")		211-0450	1	Spec C-F
10	750-1006	2	Nut, Hex (M8 x 1.25) (KV, Spec A-H)		211-0486	1	Spec G-K
11	304-0796	2	Washer, Centering (KV only)		211-0527	1	Begin Spec J
12	304-0797	1	Resistor, Charging (R1) (KV only)		211-0486	1	KVC
13	815-0660	1	Screw, Hex Head Thread Forming Socket Drive (#10-32 x 2 1/2")(KV only)		211-0527	1	Spec A-B
14	232-3278	4	Spring, Stator		211-0486	1	Begin Spec C
15	212-1285	1	Block, Generator Brush (Includes Spring and Brush)		211-0527	1	KVD
							Spec A
							3729 A, Begin Spec B

## Scroll



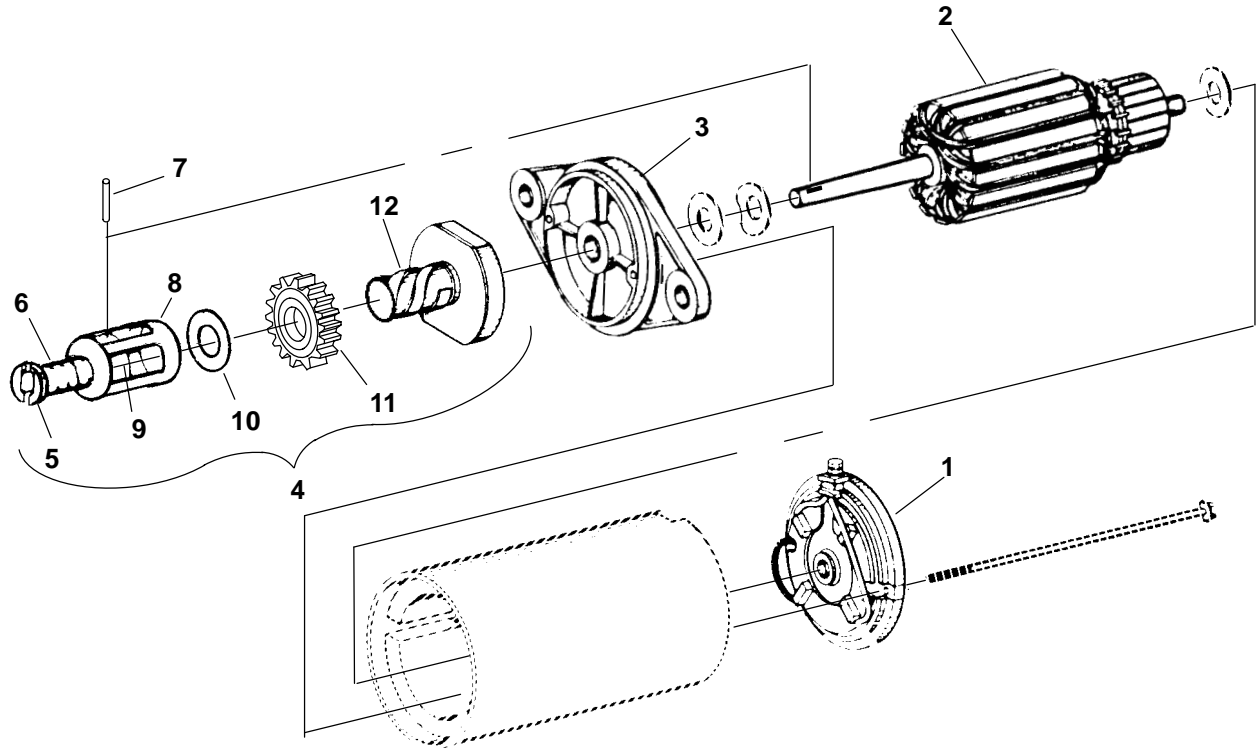
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	134-4647-S1	1	Scroll Assy (Includes Parts Marked *)
2	509-0297	1	*Seal, Air Intake
3	134-4635	1	*Housing, Scroll
4	134-4648	1	*Link, Preheat (Early Specs Only)
5	134-4649	1	*Door, Preheat (Early Specs Only)
6	823-0002-09	3	Screw, Pan Head Torx Threads Forming (M40 x .7 x 16mm)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	140-2105	1	Element, Air Filter
8	140-2144	1	Retainer, Element
9	140-2137	1	Cover, Element

\* - Parts Included in Gasoline Units Scroll Assy.



## Starter Components KV (Spec A-J) KVC (Spec A-B)



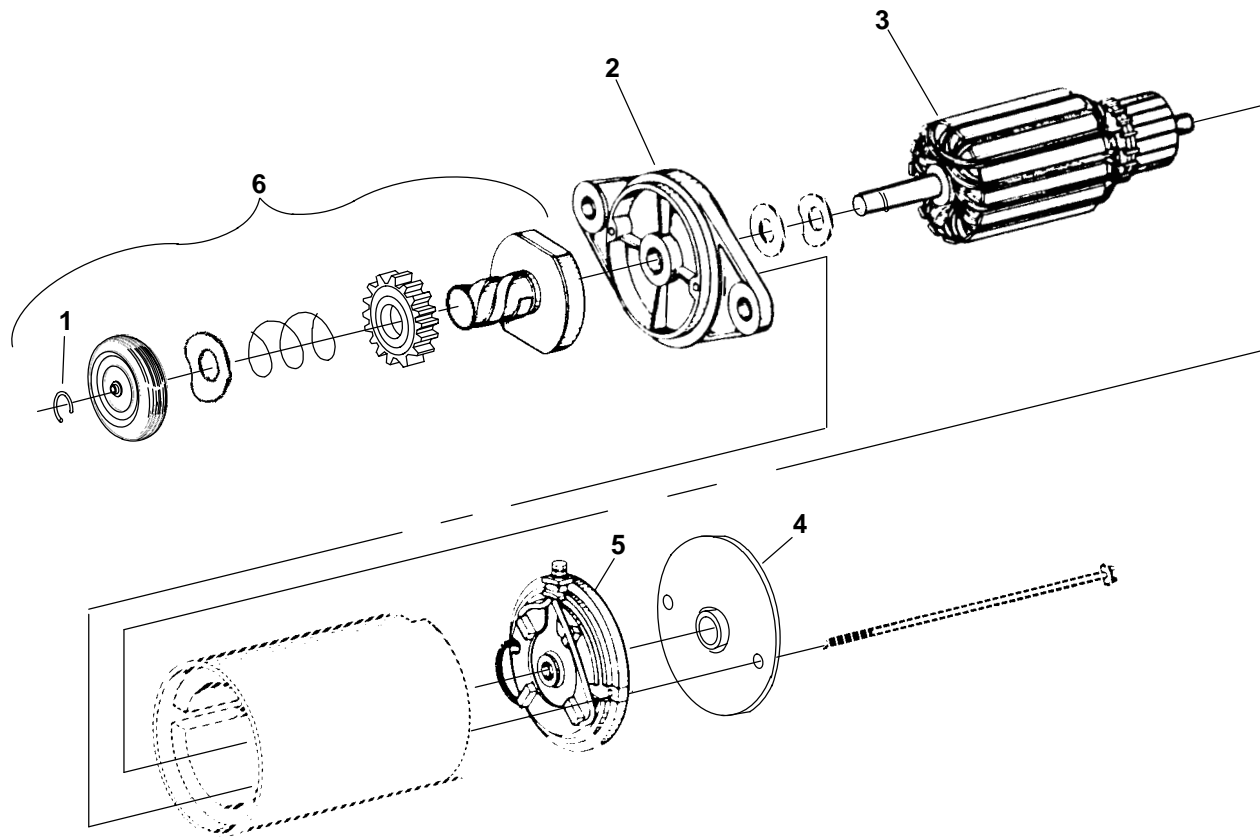
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	191-1798	1	Starter (B1)
1	191-2156	1	Cap Assy, End (Includes Brushes)
2	191-2155	1	Armature
3	191-2156	1	Cap Assy, Drive (Includes Bushing)
4	191-2157	1	Kit, Drive (Includes Parts Marked *)
5	191-1821	1	*Retainer, Spring
6	191-1870	1	*Spring, Pinion

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	191-1869	1	*Pin, Spiral Roll
8	191-1863	1	*Cover, Spring
9	191-1864	1	*Retainer, Clutch
10	191-1865	1	*Washer
11	191-1868	1	*Gear, Starter
12	191-1866	1	*Clutch and Spline

\* – Parts Included in Drive Kit.

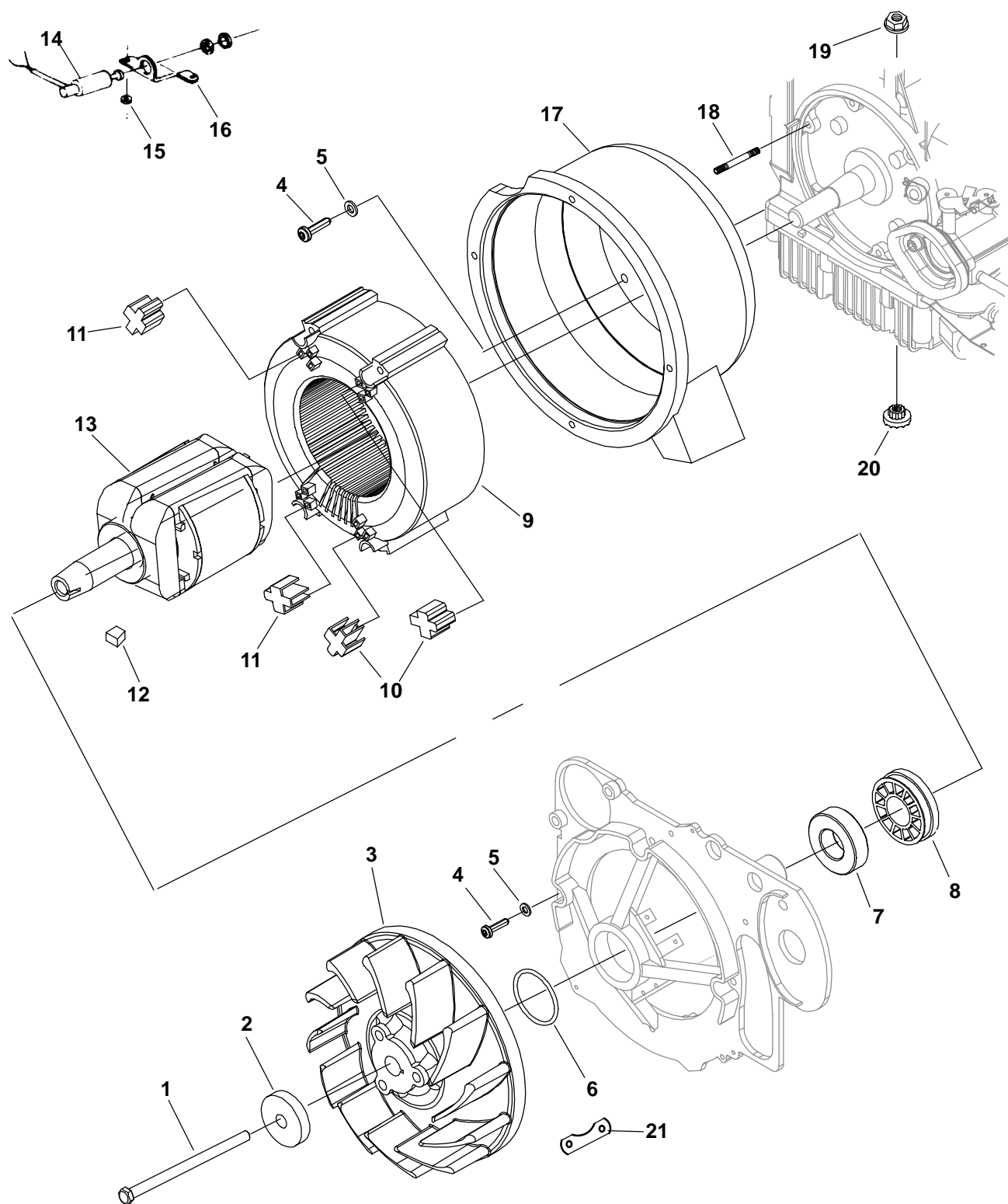


**Starter Components**  
**KV (Begin Spec K) KVC (Begin Spec C)**  
**KVD (Begin Spec A)**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	191-2351	1	Starter, Complete (B1)	5	191-2316	1	Holder Assy, Brush (Includes Brushes)
1	191-2320	1	Retainer, Ring	6	191-2313	1	Kit, Drive (Includes Ring Retainer, Retainer Spacer, Wave Washer, Spring, Starter Gear, and Clutch/Spline)
2	191-2156	1	Cap Assy, Drive (Includes Bushing)				
3	191-2321	1	Armature				
4	191-2317	1	Cap Assy, End (Includes Bushing)				

# Generator

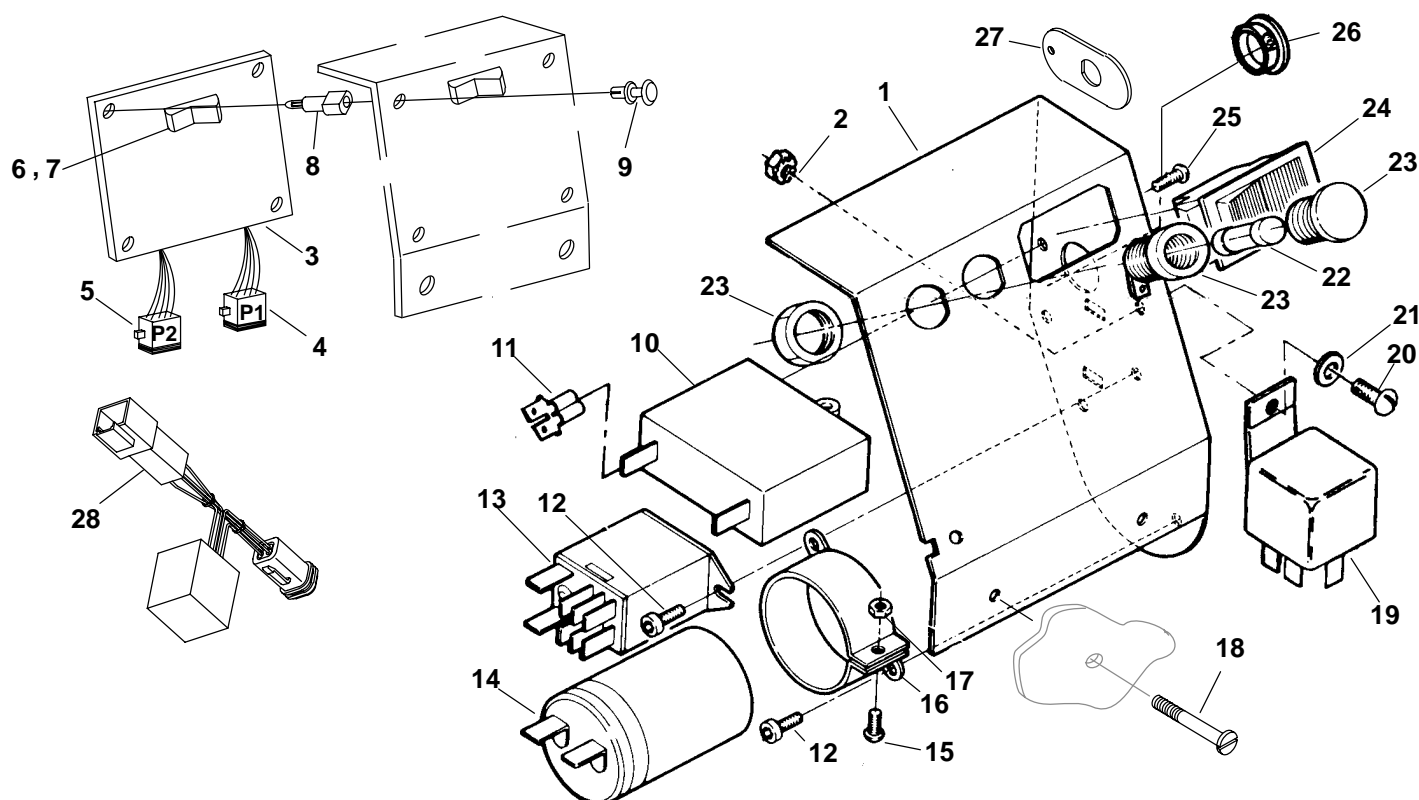


## Generator

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	815-0669	1	Bolt, Rotor Thru (3/8-16NC x 3.50")	11	232-3312	2	Cap, Terminal (Natural)
2	526-0392	1	Washer, Fan Hub	12	515-0289	1	Key, Fan Hub
3			Hub Assy, Fan (Includes Magnet & Rivets)	13			Rotor, Generator (Includes Bearing and Collector Ring)
			KV				KV
	205-0174	1	Spec A-B (Includes Parts Marked @)		201-3606-01	1	60Hz Spec A-B
	205-0172	1	@ Fan		201-3606-02	1	Spec C-H
	134-4531	3	@ Insert		201-3606-03	1	Begin Spec J
	823-0003-03	3	@ Screw, Socket Drive				50Hz
			Pan Head (M6 x 20mm)		201-3606-01	1	Spec A-B
	205-0206	1	Begin Spec C		201-3606-02	1	Spec C-E
	205-0206	1	KVC, KVD				Spec F-G
4	823-0003-04	10	Screw, Pan Head				33742 & 51894
			Trox Thread Forming (M6 x 1 x 25mm)		201-3606-03	1	Begin Spec F
5	740-1004	10	Washer, Flat (M6) (KV Begin Spec J, KVC Begin Spec B, KVD)				KVC
6	509-0420	1	O'Ring (Supersedes 509-0196)		201-3606-03	1	60Hz
7	510-0099	1	Bearing, Ball				Begin Spec A
8	204-0139	1	Ring, Collector				KVD
9			Stator, Generator				60Hz and 50Hz
			KV				Begin Spec A
			60Hz				
	220-4125-S1	1	Spec A-H	14	307-2659	1	Solenoid, Throttle Closing (Includes Nut and Washer) (K4) (KV)
	220-4125-07	1	Begin Spec J				Washer, Flat (M6) (KV Spec A-H)
			50Hz	15	740-1004	1	Bracket, Solenoid (KV)
	220-4125-03	1	Spec A-E	16	307-2655-02	1	Housing, Stator
			Spec F-G 33742 & 51844	17			KV
	220-4125-04	1	Spec F-H				Spec A-H
	220-4125-08	1	Begin Spec J		220-4595-01	1	100V, 120V, 220V
			KVC		220-4595-02	1	230V
			60Hz		220-4595-02	1	Spec J-L KVC, Spec B KVD (64mm)
	220-4125-06	1	Spec A	18	520-2037	6	Stud, Generator Mounting
	220-4125-07	1	Begin Spec B	19	870-0212	1	Nut, Hex Flange Locking (1/4-20) (KV Spec A)
			KVD	20	402-0547	1	Isolator, Vibration (KV Spec A)
			60Hz	21	166-0816-S0	1	Assy, Magnet
	220-4125-07	1	Spec A				
			50Hz				
	220-4125-08	1	Begin Spec B				
10	232-3311	2	Cap, Terminal (Black)				

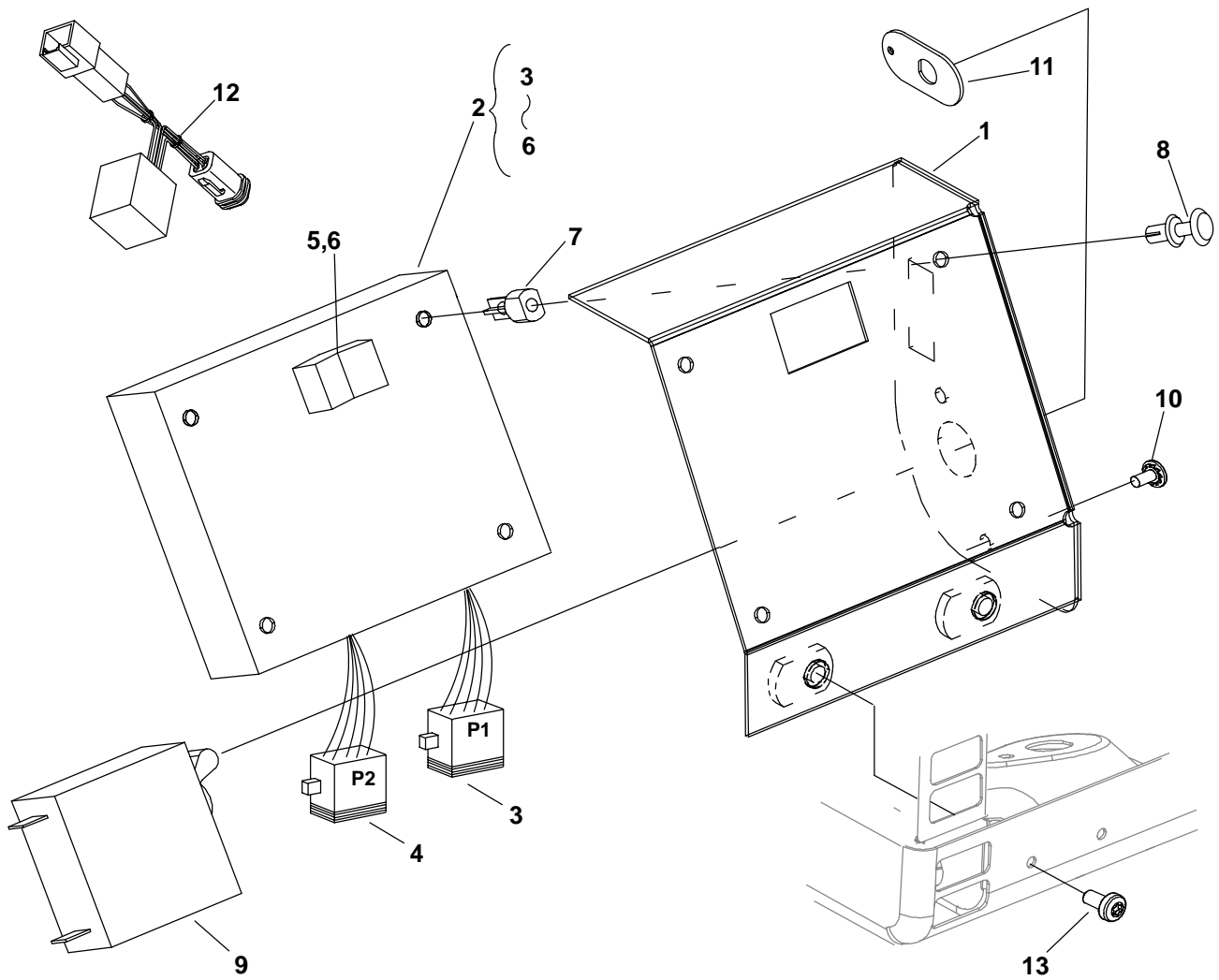
@- Parts Included in Spec A-B Fan Hub Assy

## Control (KV Spec A-F)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	301-9860-02	1	Box, Control Spec A,B	13	307-2594	1	Relay, Start Disconnect (K2)
	319-1347-02	1	Spec C-F	14	356-0138-02	1	Capacitor (C1) Spec A, B
2	870-0235	1	Nut, Self Locking (8-32)		300-4329	1	Spec C-F
3	300-5299	1	PCB Assy (Includes PCB Harnesses, Switch Cover and Switch) (Spec C-F)	15	812-0066	1	Screw, Round Head Machine (#6-32 x 3/4")
4	338-2743	1	Harness, PCB (P1)(Spec C-F) Obsolete	16	356-0070	1	Clamp
5	338-2742	1	Harness, PCB (P2)(Spec C-F) Obsolete	17	860-0006	1	Nut, Hex (#6-32)
6	308-0995	1	Switch, Rocker (Spec C-F)	18	823-1002-01	2	Screw, Pan Head Machine (M6 x 1 x 12mm)
7	308-0996	1	Cover, Rocker Switch (Spec C-F)	19	307-1886	1	Relay, Stop (12V) K5
8	870-0488	4	Standoff, PCB (Spec C-F)		307-1886	1	K6 (Used on 1.7 And 2.0 KV) (3 Wire)
9	870-0487	4	Rivet, Standoff (Spec C-F)		307-2562	1	K3 Magneto Grounding
10			Breaker, Circuit (CB1)	20	812-0079	1	Screw, Round Head Machine (#8-32 x 1/2")
	320-1318	1	7.5A	21	526-0003	1	Washer, Flat
	320-1663-01	1	9.5A	22	321-0298	2	Fuse (F1, F2)
	320-1320	1	15A	23	321-0305	2	Holder, Fuse (Cap and Base)
	320-1319	1	10A	24	308-0768	1	Switch, Rocker (S1)
	320-1713-01	1	2.3KV-FR/51844F	25	815-0549	2	Screw, Cross Recessed ET Phillips (#6-32 x 1/4")
			2KV-FR/37544A	26	517-0135	1	Plug, Hole
	320-1663-02	1	2.0KV-FR/26119F	27	319-1675-02	1	Plate, Circuit Breaker (Used with 320-1713-01 Spec 51844 Spec A-F)
			2.4KV-FR/33742F				Transformer Assy (100V Sets)
	320-1322	1	25A				
11	332-1571	1	Terminal, Tab Adapter (Used on 2.8 KV)	28	302-2031	1	
12	823-0001-01	4	Screw, Socket Drive Pan Head (M3 x 6MM)				

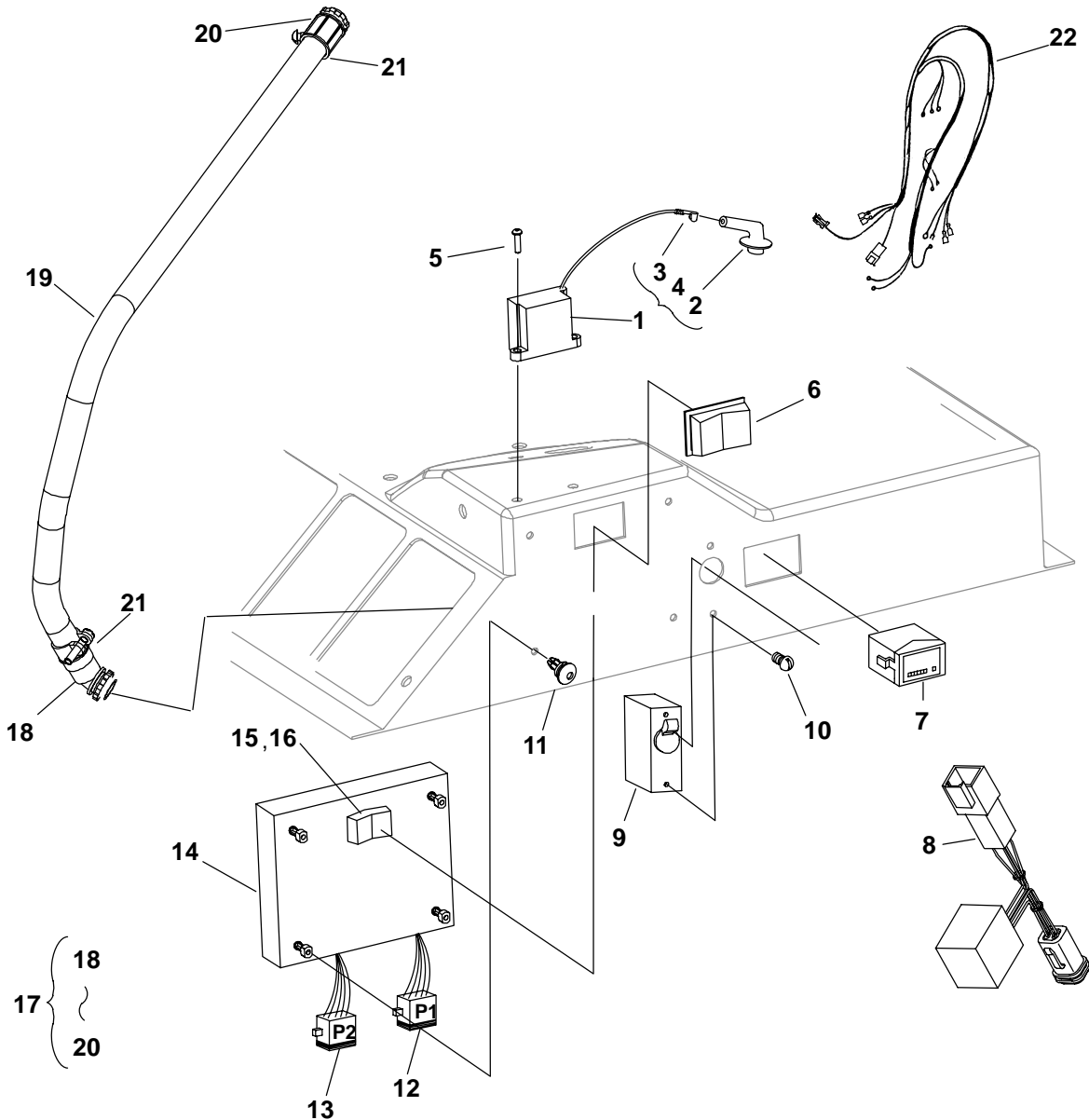
## Control (KVD and KV Begin Spec G)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	319-1347-02	1	Box, Control
2	300-5299	1	PCB Assy (Includes PCB Harnesses, Switch Cover Label and Switch)
3	338-2742	1	Harness, PCB (P2) Obsolete
4	338-2743	1	Harness, PCB (P1)
5	308-0995	1	Switch, Rocker (S1)
6	308-0996	1	Cover, Rocker Switch
7	870-0488	4	Standoff, PCB
8	870-0487	4	Rivet, Standoff
9			Breaker, Circuit
	320-1663-02	1	10 Amps 2.3KVFR33742 2KVFR26119
	320-1713-01	1	10 Amps 2.3KVFR51844
	320-1322	1	25 Amps 2.8KV FA26100,FR11351 FA11574 2.5KVFR11540

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
10	815-0549	2	Screw, Cross Recessed ET Phillips (#6-32 x 1/4")
11	319-1675-02	1	Plate, Circuit Breaker (Used with 320-1713-01)
12	302-2031	1	Transformer Assy (100V Sets)
13	823-1002-01	2	Screw, Pan Head Torx (M6 x 1 x 12mm)

## Control KVC

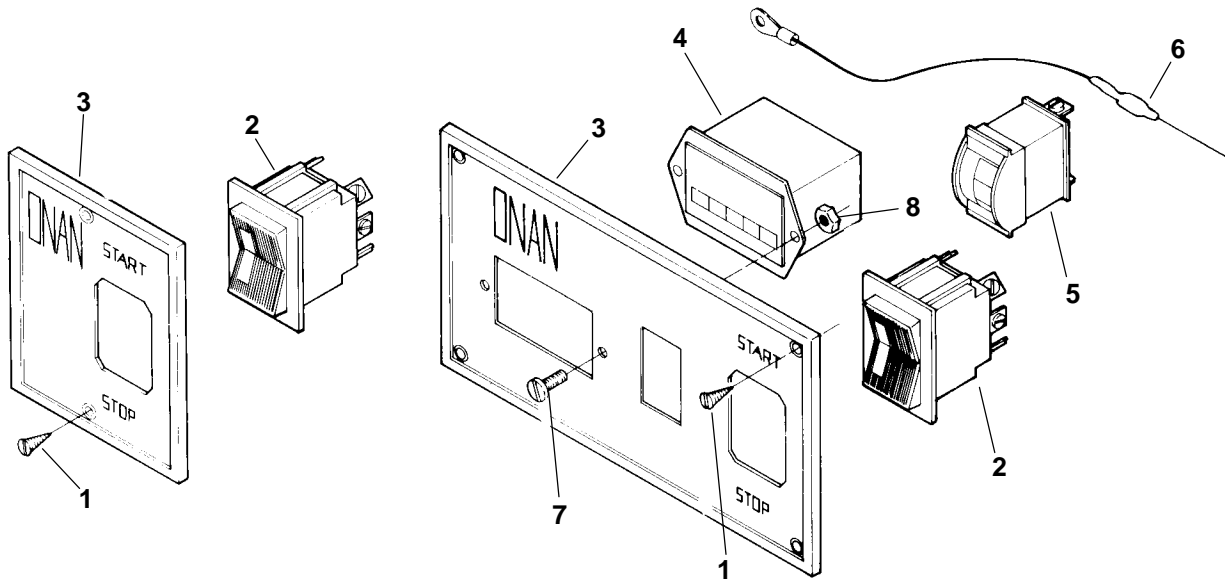


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	166-0784-S0	1	Coil Assy, Ignition (Includes Lead, Boot and Terminal)	13	338-2742	1	Harness, PCB (P2) Obsolete
2	167-0265	1	Boot, Spark Plug	14	300-5299	1	PCB, Control (Includes PCB Harnesses, Switch Cover and Switch)
3	167-0267	1	Terminal, Spark Plug	15	308-0995	1	Switch, Rocker
4	166-0779	1	Coil, Ignition	16	308-0996	1	Cover, Rocker Switch
5	823-0002-04	4	Screw, Pan Head Torx Thread Form (M4 x 0.7 x 12mm)	17	331-0564	1	*Conduit Assy (Includes Connectors and Conduit)
6	308-0949	1	Cover, Switch	18	331-0563	1	*Connector, 45°
7	302-2002	1	Meter, Hour	19	331-0565	1	*Conduit, Flex (1/2")
8	302-2031	1	Transformer Assy (100V Units) (Reaches from Control PCB to Genset [J2] Harness)	20	331-0007	1	*Connector, Straight Conduit (1/2") Obsolete
9	320-1322	1	Breaker, Circuit (25A)	21	331-0533	2	Bushing, Anti Short (1/2")
10	815-0549	2	Screw, Pan Head Cross Recessed (#6-32 x 1/4")	22	338-3844	1	Harness, AC Output
11	870-0487	4	Rivet, Standoff				
12	338-2743	1	Harness, PCB (P1)				

\* - Marked Items For Reference only Not For Sale

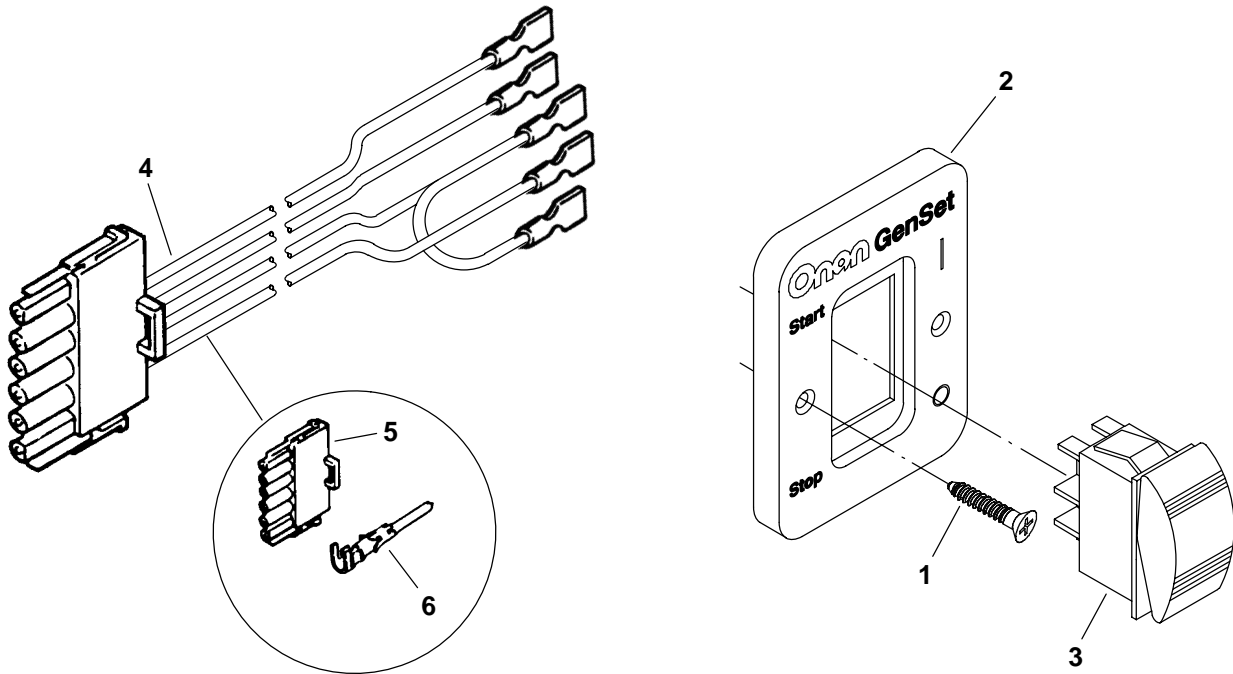


## Remote Panel (KV Spec A-E)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Screw, Oval Head Cross Recessed Wood (#5 x 1/2")	4	302-0885	1	Meter, Hour (M2)
	815-0380	2	Standard Control	5	302-0888	1	Meter, Battery Condition (M1)
	815-0380	4	Deluxe Control	6	359-0034	1	Diode Obsolete
2	308-0341	1	Switch, Rocker (S1)	7	815-0385	2	Screw, Round Head Machine (#6-32 x 1/2")
3			Panel, Control	8	860-0006	2	Nut, Hex Head (#6-32)
	301-3566	1	Standard Control				
	301-3606	1	Deluxe Control (Obsolete)				

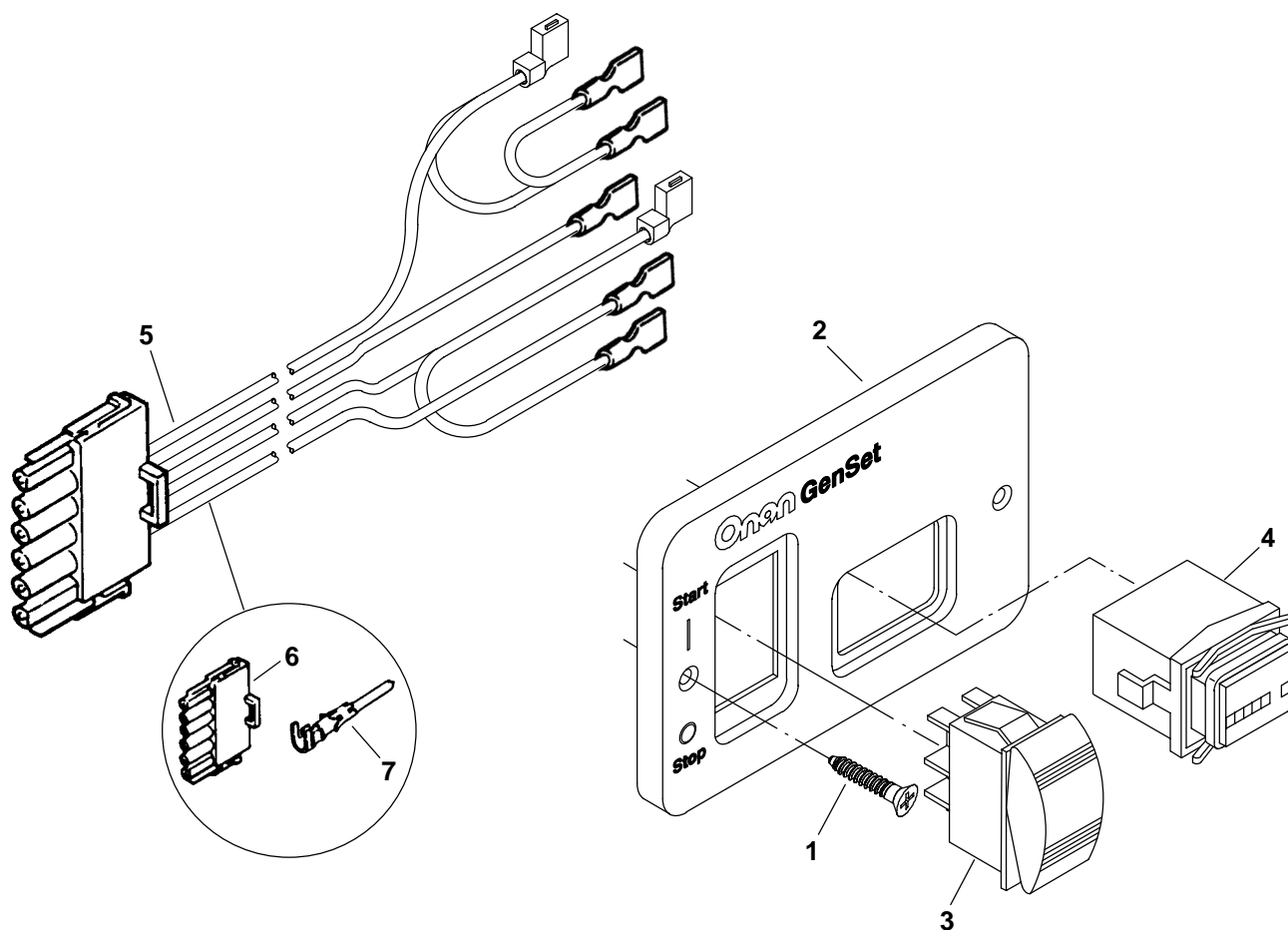
## Remote Switch Panel (KV Begin Spec F)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-4936	1	Kit, Remote Switch Panel
1	815-0910	2	Screw, Wood (#6 x 1")
2	319-2339-01	1	Panel, Printed
3	308-1062	1	Switch, Rocker

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	338-3510	1	Harness, Remote Panel (Includes Plug and Pins)
5	323-1304	1	Plug, 6-Pin
6	323-1199	4	Pin, Contact

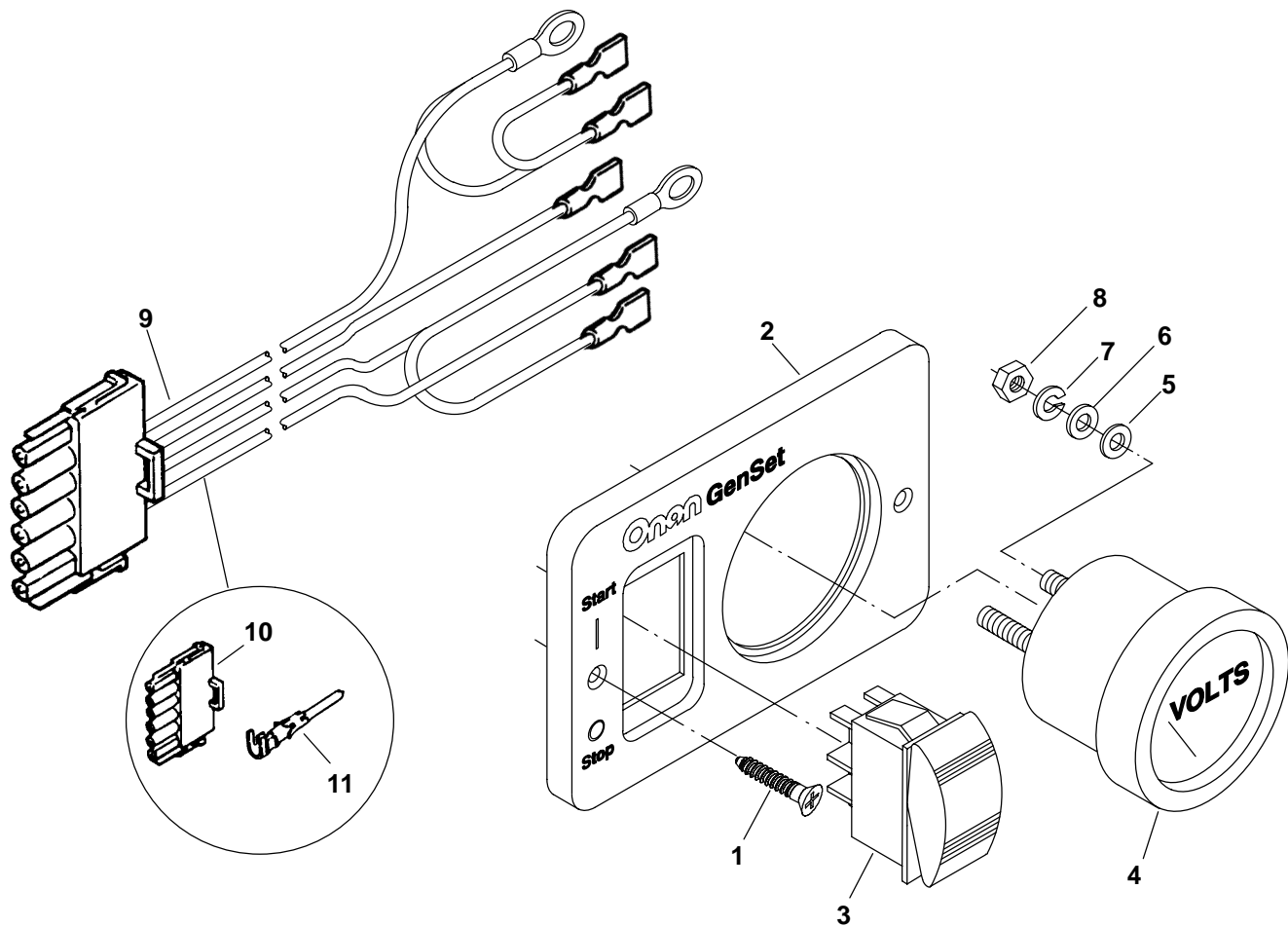
## Remote Switch/Hourmeter Panel (KVD and KV Begin Spec F)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-4937	1	Kit, Remote Switch/Hourmeter Panel
1	815-0910	2	Screw, Wood (#6 x 1")
2	319-2340-03	1	Panel, Printed
3	308-1062	1	Switch, Rocker

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	302-2002	1	Hourmeter
5	338-3466	1	Harness, Remote Panel (Includes Plug and Pins)
6	323-1304	1	Plug, 6-Pin
7	323-1199	4	Pin, Contact

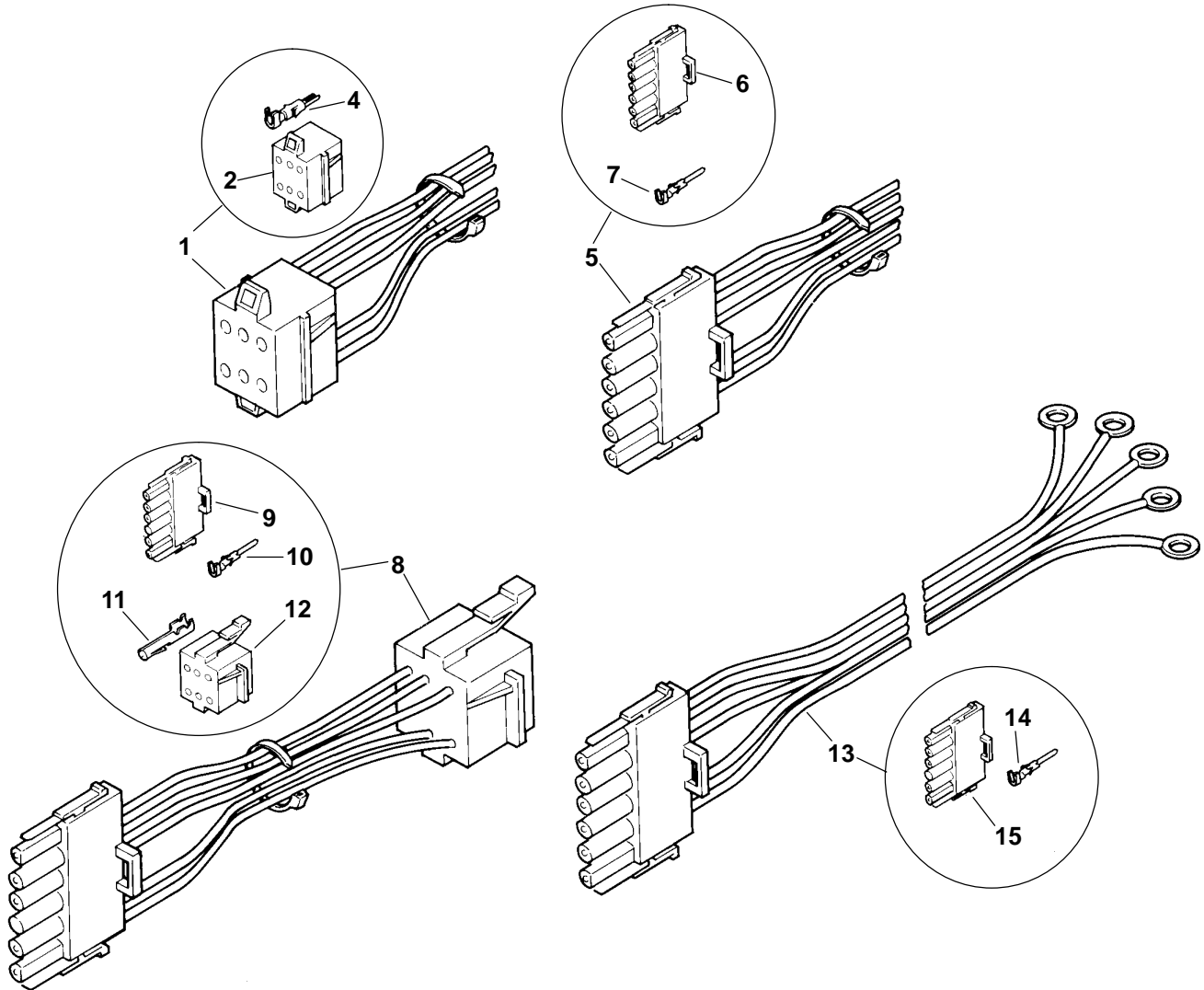
# **Remote Switch/Voltmeter Panel (KVD and KV Begin Spec F)**



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	300-4938	1	Kit, Remote Switch/Voltmeter Panel
1	815-0910	2	Screw, Wood (#6 x 1")
2	319-3132-02	1	Panel, Printed
3	308-1062	1	Switch, Rocker
4	302-1641	1	Voltmeter
5	526-0409	2	Washer, Nylon Flat (#10)
6	526-0049	4	Washer, Brass Flat (#10)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
7	850-0030	2	Washer, Lock (#10)
8	871-0010	4	Nut, Hex Brass Machine (#10-32)
9	338-3507	1	Harness, Remote Panel (Includes Plug and Pins)
10	323-1304	1	Plug, 6-Pin
11	323-1199	4	Pin, Contact

## Remote Wiring Harness (KV Spec A-E)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-1082	1	Harness, 6" Wiring (Includes Parts Marked *)
2	323-0500	5	*Pin, Contact
3	332-0942	1	+*Tie, Cable
4	323-0400	1	*Housing, Connector (6 Place)
5	338-2046	1	Harness, 6" Wiring (Includes Parts Marked +)
6	323-1304	1	+Housing, Connector (6 Place)
7	323-1199	5	+Pin, Contact
8	338-2137	1	Harness, 6" Wiring (Includes Parts Marked ~)
9	323-1304	1	~Housing, Connector (6 Place)
10	323-1199	5	~Pin, Contact
11	323-0488	5	~Socket, Connector

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
12	323-0440	1	~Housing, Connector (6 Place)
13			Harness, Wiring (Includes Parts Marked &)
	338-2260-01	1	Ten Foot
	338-2260-02	1	Thirty Foot
14	323-1199	5	&Pin, Contact
15	323-1304	1	&Housing, Connector (6 Place) (J2)

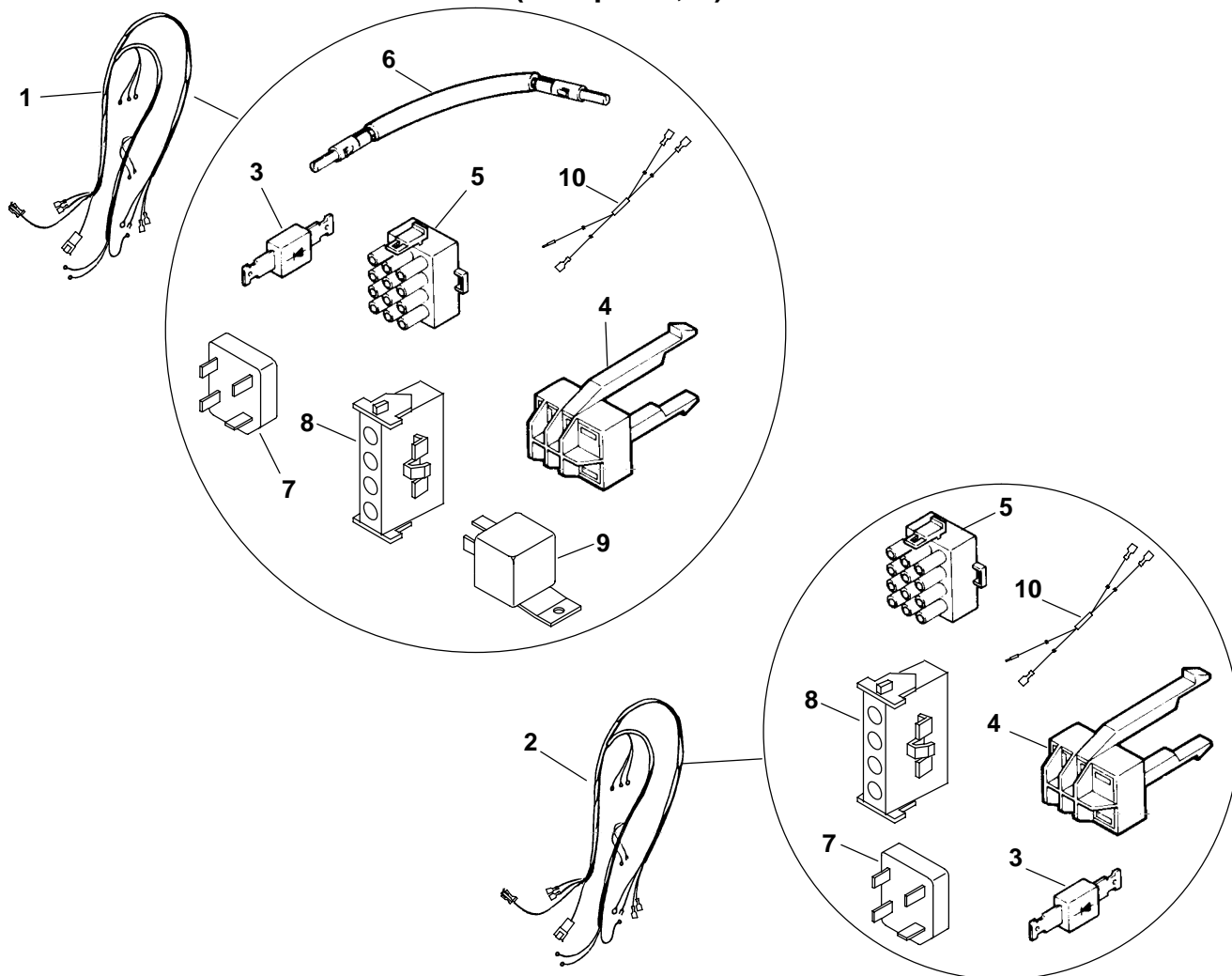
\* - Parts Included in 338-1082 Wiring Harness.

+ - Parts Included in 338-2046 Wiring Harness.

~ - Parts Included in 338-2137 Wiring Harness.

& - Parts Included in 338-2260-01 & -02 Wiring Harness.

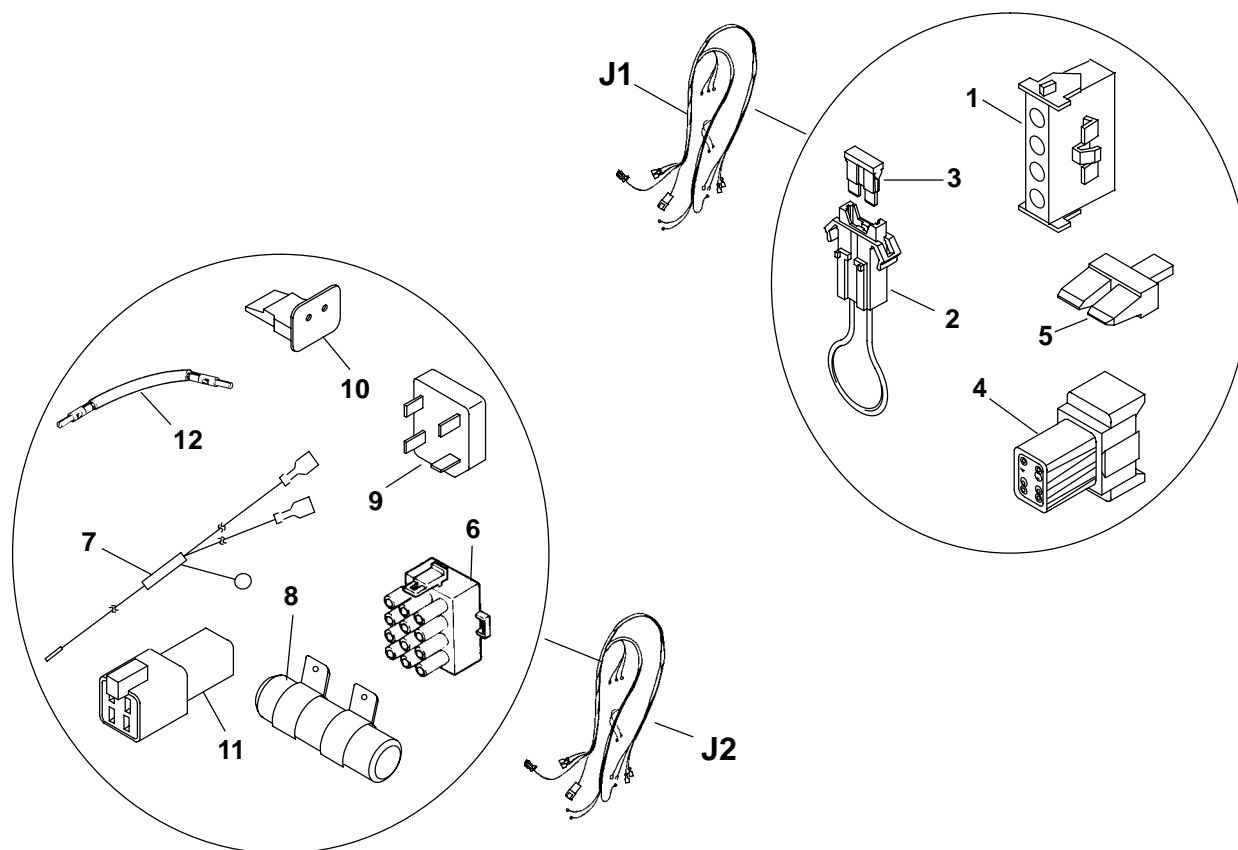
## Generator Harness (KV Spec A, B)



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Harness, Generator Gasoline Sets (Includes Parts Marked *)	7	307-1886	1	+*Relay (LP=K3) (Gasoline=K5)
	338-2441-01	1	Spec 29236	8	323-1342	1	+*Housing, Terminal (P2) (6 Pin)
	338-2441-02	1	Spec 33742, 37544A	9	307-1575	1	*Relay (Gasoline=K3)
	338-2615-02	1	Spec 37544B	10			Harness, Wiring Z1 (DC)
	338-2210	1	Spec 26100		338-2209	1	* Gasoline Units
2			LP Sets (Includes Parts Marked +)		338-2614	1	+ LP Units Z2 (DC)Obsolete
	338-2731	1	Spec 26119		338-2208	1	* Gasoline Units
	338-2591	1	Spec 26120		338-2613	1	+ LP Units Obsolete
3	357-0030	2	+*Rectifier, Silicon (CR1, CR2)		338-2618	1	* Z3 (Spec 37544B Only) Z4
4	323-1443	1	+*Socket, Relay (8 Pin) (K2) Obsolete		338-2440	1	+* Spec 29236, 33742, 37544A, 26119 Obsolete
5	323-1314	1	+*Plug, Connector (12 Pin) (P1)		338-2617	1	* Spec 37544B
6			*Resistor, Fixed (P1-4 to P1-5) (Includes Slewing & Sockets)				
	304-0805-01	1	Spec 29236				
	304-0805-02	1	Spec 33742, 37544				

\* - Parts Included in Gasoline Generator Harness.  
+ - Parts Included in LP Generator Harness.

## Generator Harness (KV Spec C-E)

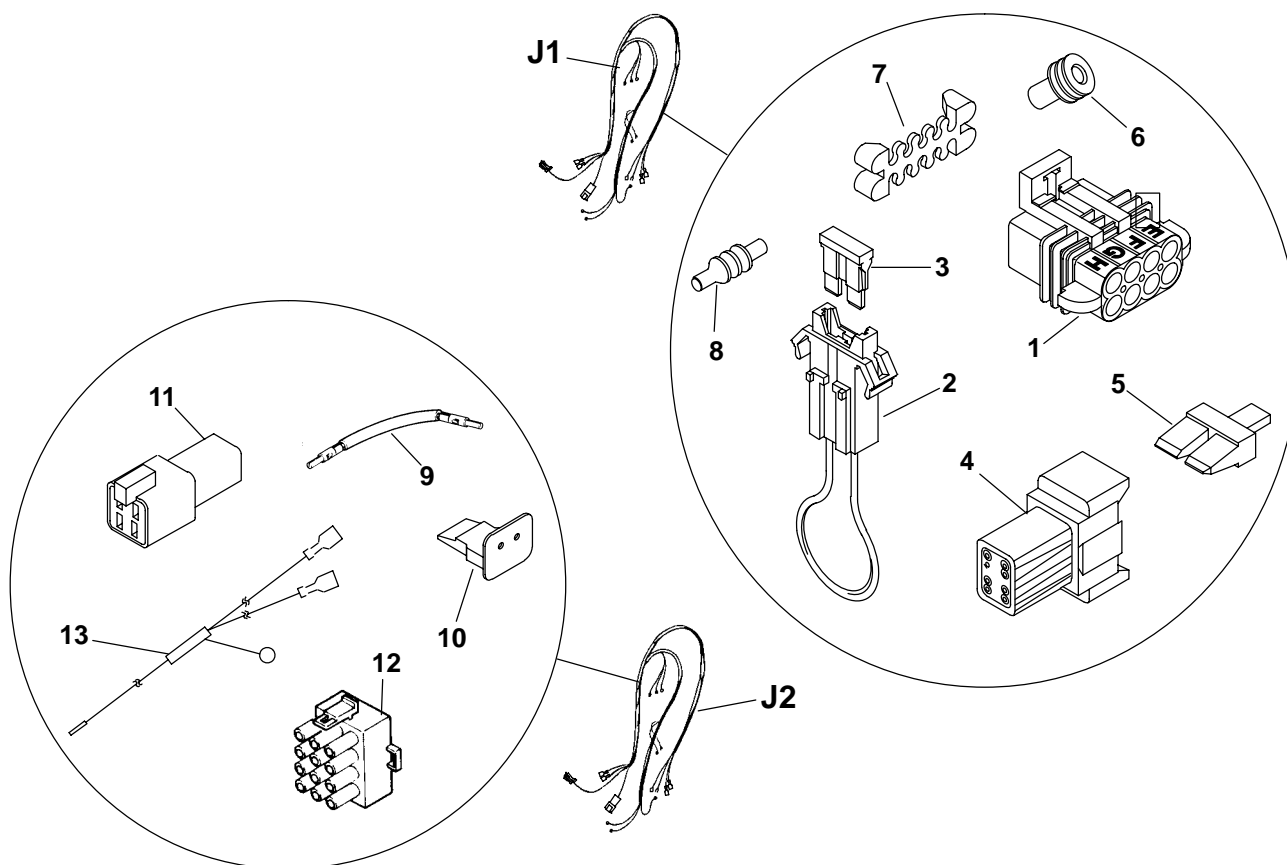


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Harness, Generator	7			+Harness, DC
			J1 (Includes Parts Marked *)		338-2740	1	Z1
338-2741	1		Spec 11351, 26100,				Z4
			26119, 26120, 33742,	338-2763	1		Spec 26119, 33742
			2089A	338-2773	1		Spec 51844
338-2771	1		Spec 51844 J2 (Includes	8	304-0821	1	+Resistor (R1)
			Parts Marked +)	9	305-0718	1	+Rectifier, Bridge (CR1)
338-2739	1		Spec 26100, 26120	10	323-1547	1	+Wedge, Receptacle (J2)(4 Pin)
338-3263	1		Spec 11351	11	323-1549	1	+Socket, Receptacle (J2)
338-2762	1		Spec 26119, 33742	12			+Resistor, Fixed (P3-1 P3-5)
338-2772	1		Spec 51844				(Includes Slewing & Sockets)
1	323-1342	1	*Housing, Terminal (6 Pin) (J5)	304-0805-02	1		Spec 51844 (J4-4 to J4-5)
2	321-0312-S1	1	*Fuse Assy, 5A (F1) (Includes Fuse)				Spec 26199, 33742
3	321-0307-03	1	*Fuse, 5A (F1)				(P3-4 to P3-5)
4	323-1542	1	*Receptacle (8 Pin) (J1)	304-0805-04	1		Spec 11351 (P3-1, P3-5)
5	323-1544	1	*Wedge, Receptacle (8 Pin) (J1)				
6	323-1314	1	*Plug, Connector (12 Pin) (P3)				

\* - Parts Included in (J1) Generator Harness.

+ - Parts Included in (J2) Generator Harness.

## Generator Harness (KV Begin Spec F)

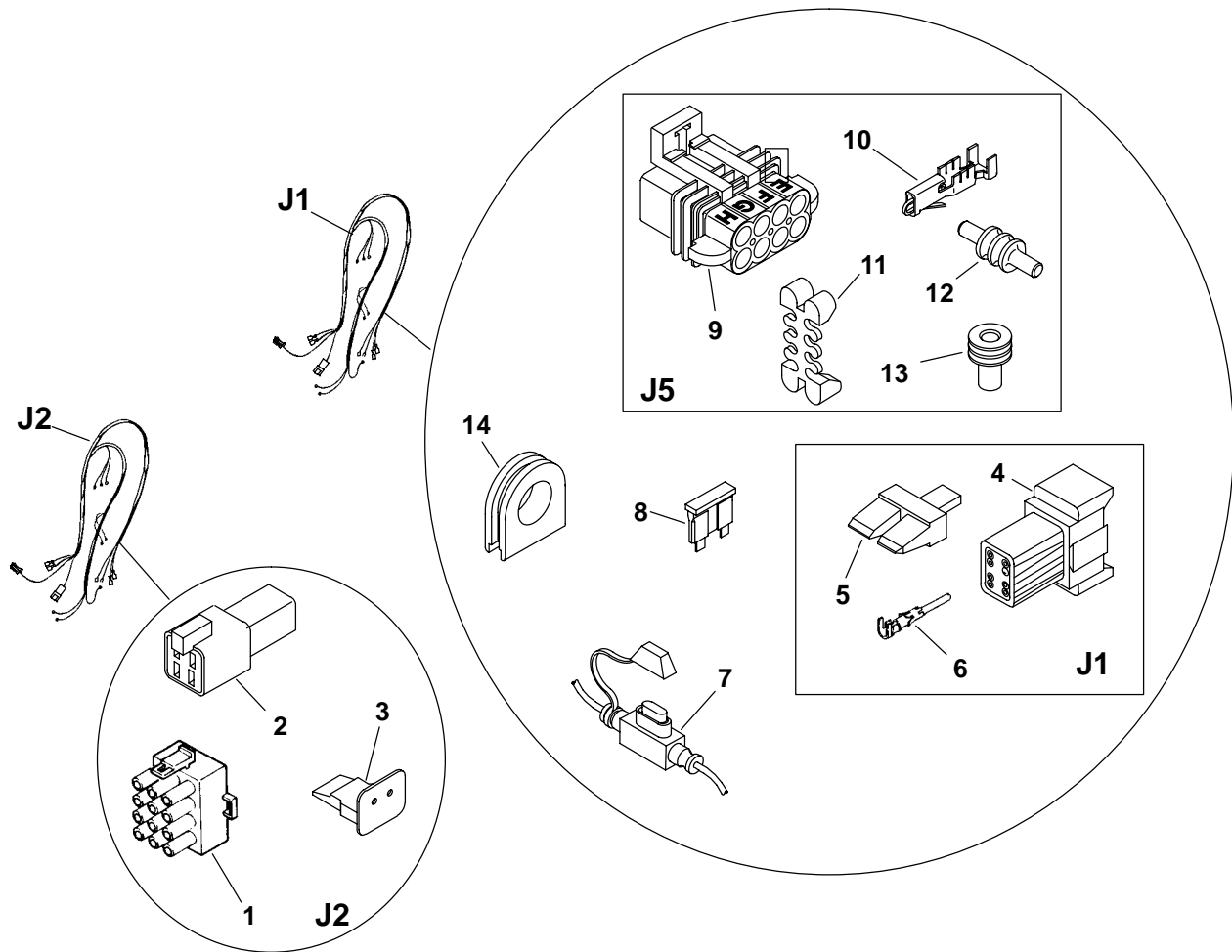


REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
			Harness, Generator	5	323-1544	1	*Wedge, Receptacle (8 Pin) (J1)
			J1 (Includes Parts Marked *)	6	323-1708	4	*Seal, Cable (J5)
388-3628		1	Spec 11351, 11540,	7	323-1741	1	*Housing, Lock (J5)
			26100, 26119, 26120,	8	323-1712	6	*Plug, Cavity (J5)
			33742	9	304-0805-05	1	+Resistor (R1)
338-3528		1	Spec 51844 Obsolete				Spec 11351, 11540
338-3672		1	Spec 11574 Obsolete				(P3-1, P3-5)
			J2 (Includes Parts Marked +)				Spec 51844, 26119, 33742
			Spec 51844				(P3-4, P3-5)
338-3607		1	Spec 11351, 11540	10	323-1547	1	+Wedge, Receptacle (4 Pin) (J2)
338-3549		1	Spec 26119, 33742	11	323-1549	1	+Socket, Receptacle (J2)
338-3574		1	Spec 11574, 26100,	12	323-1314	1	+Plug, Connector (12 Pin) (P3)
338-3550		1	26120	13			+Harness, DC
			Begin Spec L				Z1
1	323-1743	1	*Connector, Plug (8 Pin) (J5)	338-2740		1	
2	321-0312-S1	1	*Fuse Assy, 5A (F1) (Includes Fuse)	338-2773		1	Z4 (Spec 51844 Only)
3	321-0307-03	1	*Fuse, 5A (F1)				
4	323-1542	1	*Receptacle (8 Pin) (J1)				

\* - Parts Included in (J1) Generator Harness.  
+ - Parts Included in (J2) Generator Harness.



## Generator Harness KVC



REF NO.	PART NO.	QTY USED	PART DESCRIPTION
	338-3842	1	Harness, Generator J1 (Includes Parts Marked +) J2 (Includes Parts Marked *)
	338-3843	1	120V Units
	338-3846	1	100V Units
1	323-1314	1	*Plug, Connector (P3) (12 Pin)
2	323-1549	1	*Socket, Receptacle (J2)
3	323-1547	1	*Wedge, Receptacle (J2) (4 Pin)
4	323-1542	1	+Receptacle (J1) (8 Pin)
5	323-1544	1	+Wedge, Receptacle (J1) (8 Pin)
6	323-1491	8	+Terminal, Pin (J1)
7	321-0325	1	+Holder, Fuse (F1)
8	321-0307-03	1	+Fuse (5A) (F1)

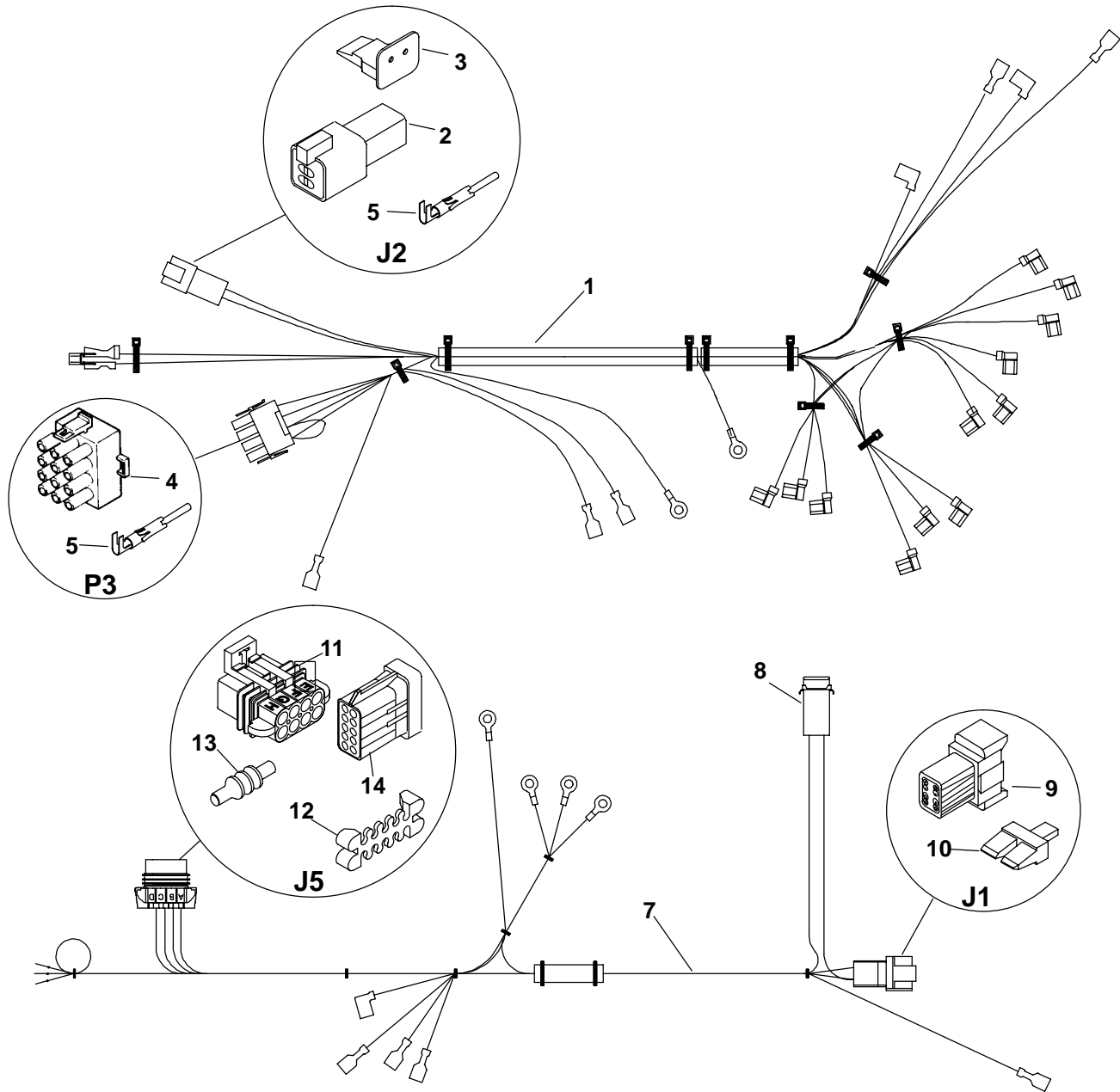
REF NO.	PART NO.	QTY USED	PART DESCRIPTION
9	323-1743	1	+Connector, Plug (J5) ( Pin)
10	323-1709	4	+Terminal, Socket (J5)
11	323-1741	1	+Housing, Lock (J5)
12	323-1712	4	+Plug, Cavity (J5)
13	323-1708	4	+Seal, Cable (J5)
14	508-0095	1	+Grommet

+ - Parts Included in (J1) Genset Harness.

\* - Parts Included in (J2) Genset Harness.

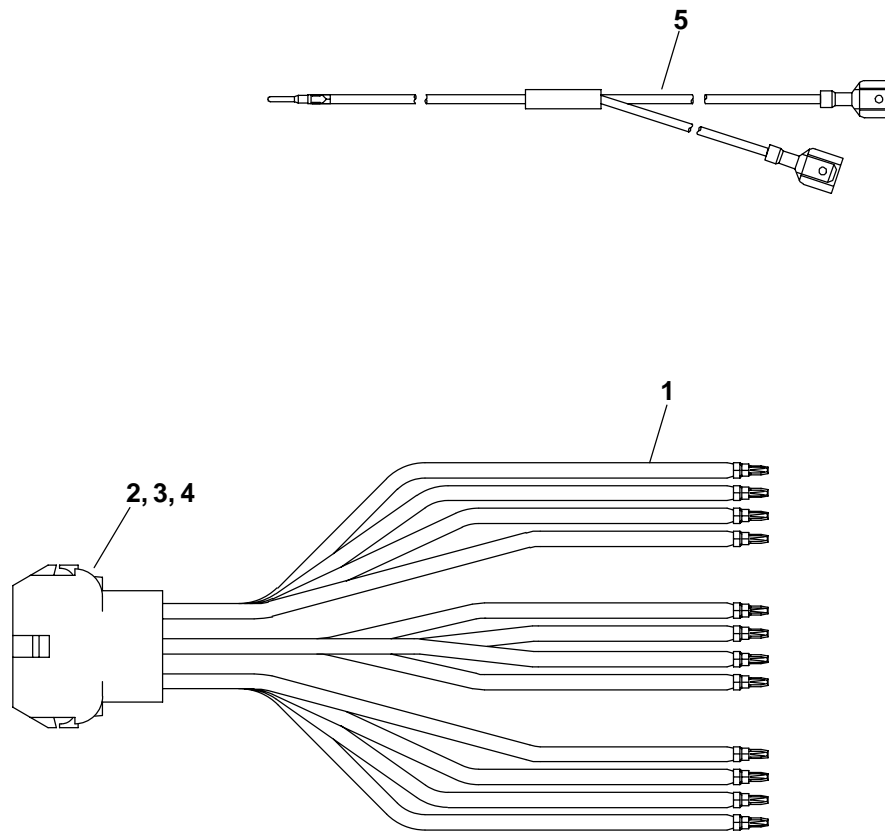
\* - Parts Included in 338-2428 Wiring Harness

## Generator Harness KVD



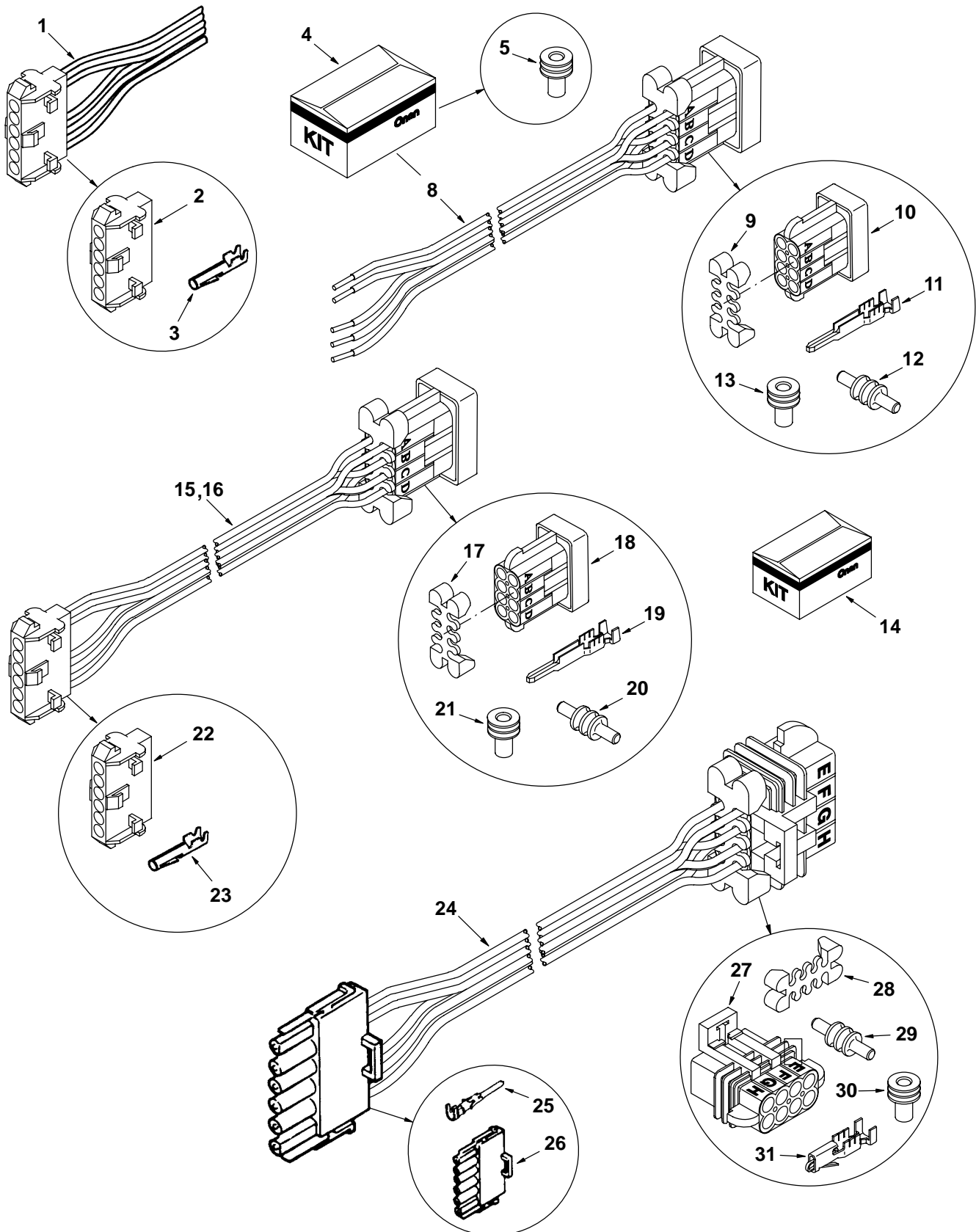
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1		1	Harness, Generator (Included with Harness*)	8	321-0312-S1	1	+ Fuse Assy, (5Amp)(F1)
	338-4070	1	Spec A	9	323-1542	1	+ Receptacle (8 Pin)
	338-4381	1	Begin Spec B	10	323-1544	1	+ Wedge, Receptacle (8 Pin)
2	323-1549	1	*Socket, Receptacle	11	323-1743	1	+ Connector, Plug (8 Pin)(J5)
3	323-1547	1	*Wedge, Receptacle (4 Pin)	12	323-1741	1	+ Housing, Lock
4	323-1314	1	*Plug, Connector (12 Pin)	13	323-1712	1	+ Plug, Cavity
5	323-1491	AR	*Terminal, Pin	14	323-1709	1	+ Terminal, Socket
6	332-2571	AR	*Terminal, Receptacle (25 x 90)				
7			Harness, Generator				
	338-3628	1	Spec A				
	338-4320	1	3729A and Begin Spec B				

## PCB Harness



REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-2428	1	Harness, PCB (Includes Parts Marked *) (KVC, KVD and KV, Spec 51844)	3	332-2659	2	*Terminal, PCB Tab
2	323-1315	1	*Cap, Connector (12 PI)	4	323-1199	2	*Pin, Contact
				5	338-3850	1	Harness, Wiring (Z1) (Includes Parts Marked #) (KVC)

# **Remote Wiring Harness (KVC, KVD and KV Begin Spec F)**



## Remote Wiring Harness (KVC, KVD and KV Begin Spec F)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-3572	1	Harness, Adapter (Pigtail at Control Panel) (Includes Parts Marked *) (Use With Gasoline and LP Kits 300-4936, 300-4937, & 300-4938)	17	323-1741	1	<@ Lock, Housing (8 Pin)
				18	323-1744	1	<@ Connector, Receptacle (8 Pin)
				19	323-1707	5	@ Pin, Terminal
				20	323-1712	3	<@ Plug, Cavity
				21	323-1708	5	<@ Seal, Cable
				22	323-1342	1	<@ Housing, Terminal
2	323-1342	1	*Housing, Terminal	23	323-1200	5	<@ Socket, Contact
3	323-1200	5	*Socket, Contact	24	338-3514	1	Harness, Adaptor (6 Inches) (For Sets Prior to Spec F) (Include Parts Marked ~)
4	305-0979	1	Kit, Remote Adapter (Pigtail at Genset End) (Includes Parts Marked ^)				
		1		25	323-1199	5	~ Pin, Contact
5	323-1708	2	^Seal, Cable	26	323-1304	1	~ Housing, Connector (6 Place)
6	332-3582	5	^Splice, Thermal (Not Shown)	27	323-1743	1	~ Connector, Plug (8 Pin)
7	C-571	1	^Sheet, Instruction (Not Shown)	28	323-1741	1	~ Lock, Housing (8 Pin)
8	300-4946	1	^Harness, Remote (Includes Parts Marked #)	29	323-1712	3	~ Plug, Cavity
				30	323-1708	5	~ Seal, Cable
9	323-1741		#Lock, Housing (8 Pin)	31	323-1709	5	~ Socket, Terminal
10	323-1744	1	#Connector, Receptacle (8 Pin)				
11	323-1707	5	#Pin, Terminal				
12	323-1712	3	#Plug, Cavity				
13	323-1708	5	#Seal, Cable				
14	0305-0980	1	Kit, Remote Adapter (Lead Assemblies)				
15	338-3513	1	Harness, Adaptor (6 Inches) (New Set to Old Panel) (Includes Parts Marked @)				
16			Harness, Remote (Includes Parts Marked <)				
	338-3489-01	1	10 Feet				
	338-3489-02	1	30 Feet				

\* – Parts Included in 338-3572 Adapter Harness.  
^ – Parts Included in 305-0979 Remote Adapter Kit.  
# – Parts Included in 300-4946 Remote Harness.  
@ – Parts Included in 338-3513 Adapter Harness.  
< – Parts Included in 338-3489-01 & -02 Remote Harness.  
~ – Parts Included in 338-3514 Adapter Harness.

## Labels and Paint

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
98-5759	1		Label, Warning (Hazardous Voltage) (KV, KVD)	98-7494-01	1		<b>KVD</b> Label, Listed (White, KVD 2.5 and 2.8)
98-5797	1		Label, Air Filter (Gasoline)	98-7997-01	1		Label, Logo (2500)
98-5820	1		Label, Rating (Amp) (KV)	98-7997-02	1		Label, Logo (2800)
98-5926	1		Label, Warning (Noxious Fumes) (KV)	98-7997-03	1		Label, Logo (2000)
			Label, Barcode (KVC and KVD)	98-7997-04	1		Label, Logo (2300)
			Label, Amp Rating (KV)	98-6388-02	1		Label, Phone Info
98-5976-03	1		25A (KVD 2.0 and 2.3)	98-8052	1		Label, Warning (Substances)
98-5976-04	1		9.5A	98-5757	1		Label, Warning (Hazardous Voltage)
98-5976-06	1		10A (Begin Spec F and KVD 2.0 and 2.3)	98-7494-01	1		Label, Listed (KVD)
98-5976-03	1		Label, Amp Rating (25 Amp) (KVD)	98-7628	1		Label, Warning (Install)(KVC)
			*Label, Warning (Substances)	98-7639	1		Label, Warning (Install, Hazardous Volt/Exhaust Gasoline)(KVC)
98-6074-02	1		Label, Air Filter (All Units)	98-7921	1		Label, Warning (Install)(KVD)
98-6308	1		Label, AC Notice (2.8) (KV)	98-7927	1		Label, Warning (Install)(KVD)
98-6313	1		(Gasoline)	98-7939-02	1		Label, Blank (KVC and KVD)
98-6388-02	1		Label, Phone Info	525-0305	AR		Paint, Green Enamel (13 oz. Pressurized Spray Can)
98-6448	1		Label, Control (KVD)	518-0452	AR		Sealant, Thread (50 cc Bottle)
98-6476	1		*Label, Ground (All Units)	98-6569-06	1		LP
98-6476	2		*Label, Ground (KVD)	98-6569-07	1		Gasoline
			<b>KV</b>				
			Gasoline				
98-6569-01	1		2000				
98-6569-04	1		2800				
98-6569-05	1		2300				
98-6569-05	1		2800				
			<b>KV</b>				
			LP				
98-6569-02	1		2000				
98-6569-03	1		2500				

\* - Parts Sold in Kit Only

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